



Kazakhstan

WUENIC 2025 revision,
Published 15 July 2026



WHO/UNICEF Estimates of National Immunization Coverage (WUENIC), 2025 revision

Every year, WHO and UNICEF jointly review submissions from Member States on national immunization coverage, including annual administrative and official coverage, finalized survey reports and data from both published and grey literature. The data is triangulated with consideration of potential biases and local expert opinions to differentiate between accurately reflective empirical data and potentially misleading data, to assess the most likely coverage levels for each country.

WHO and UNICEF produce country-specific estimates by reviewing each country's data independently, without borrowing from other countries when data are missing. The estimates are not ad hoc adjustments to reported figures and may rely on a single empirical source, typically nationally reported coverage. When no data exist for a specific country-vaccine-year, earlier and later data are interpolated. If sources conflict or vary widely, the most plausible estimate is selected after considering potential biases.

This slide deck presents the latest WUENIC estimates (published 15 July 2026), using UNPD World Population Prospects (WPP 2024) for population-weighted averages and to derive absolute numbers of vaccinated and unvaccinated/zero-dose children.

Methods: • [Burton et al. 2009. WHO and UNICEF estimates of national infant immunization coverage: methods and processes.](#)

- [Burton et al. 2012. A formal representation of the WHO and UNICEF estimates of national immunization coverage: a computational logic approach.](#)
- [Brown et al. 2013. An introduction to the grade of confidence used to characterize uncertainty around the WHO and UNICEF estimates of national immunization coverage.](#)
- [Danovaro-Holliday et al. 2021. Compliance of WUENIC with Guidelines for Accurate and Transparent Health Estimates Reporting \(GATHER\) criteria.](#)

Definitions of immunization terms

Vaccine coverage

Percentage of infants (children under one year of age) who received certain vaccine-doses. For example, coverage of DTP3 is the percentage of infants who received all three doses of diphtheria, tetanus, and pertussis (DTP) vaccine.

Unvaccinated

An infant that did not receive the first dose of a vaccine series. The term zero-dose is used to describe children unvaccinated with DTP1.

Under-vaccinated

An infant who received some but not all the recommended vaccine-doses in the national schedule.

Vaccine-Doses

- Bacillus Calmette-Guerin (BCG): vaccine against tuberculosis
- Hepatitis B birth dose, given within 24 hours after birth (HepBB)
- Diphtheria, tetanus, and pertussis vaccine, first dose (DTP1) and third dose (DTP3)
- Hepatitis B vaccine, third dose (HepB3)
- Haemophilus influenzae type b vaccine, third dose (Hib3)
- Inactivated polio vaccine, first dose (IPV1) and last dose (IPVC)
- Measles containing vaccine, first dose (MCV1) and second dose (MCV2)
- Rotavirus vaccine, last dose (RotaC)
- Pneumococcal vaccine, last dose (PCVC)
- Yellow Fever vaccine (YFV)
- Meningococcal A vaccine (MengA)
- Human papillomavirus vaccine, first dose (HPV1) and last dose (HPVc): vaccine to protect against certain types of human papillomavirus that can lead to cancer or genital warts

The Immunization Agenda 2030 (IA2030)

The IA2030 is a global strategy endorsed by the World Health Assembly aiming to ensure everyone, everywhere, at every age benefits from vaccines for improved health and well-being by 2030. It focuses on increasing vaccine coverage, equity, sustainability and pandemic preparedness while promoting life-course immunization and integrating immunization with other health services.

Key concepts

- The World Health Organization (WHO) provides global vaccine recommendations, which are adapted by countries based on local needs. Only DTP, polio and measles-containing vaccines are used in all countries.
- DTP1 is a marker of access to routine immunization services, and when not received, serves as a proxy for identifying children who have not received any vaccinations, also known as "zero-dose" children. High DTP1 coverage indicates good access to immunization services, while low coverage suggests challenges in reaching children with essential vaccines.
- DTP3 is a widely used indicator of immunization programme performance. It reflects a country's ability to deliver routine immunization services and ensures children are protected against serious disease. DTP3 is tracked globally and serves as a key measure of a nation's vaccination efforts.
- DTP1-DTP3 drop-out measures the percentage of children who received DTP1 but not DTP3, and highlights where children are lost along the vaccination pathway, highlighting potential weaknesses in service delivery and follow-up.
- MCV1 (usually recommended between 9-12 months) assesses the ability to deliver vaccines later in infancy. It serves as a tracer for protection against measles and is a good indicator of health system performance.
- HPV vaccine protects against specific types of human papilloma virus (HPV), and is used to measure life cycle vaccination.
- Other key indicators include PCVC and MCV2, which are used to monitor the Sustainable Development Goals (SDGs).
- Together, these indicators provide a consistent and comparable way to track immunization progress, identify missed communities and monitor global targets, including those under the Immunization Agenda 2030 (IA2030) and Sustainable Development Goals (SDGs).

Key messages

- DTP1 coverage declined 2 percentage points from 68% in 2024 to 66% in 2025.
- DTP3 coverage remained constant at 54% between 2024 and 2025.
- There were 6,000 more zero-dose children in 2025. This leaves 134,000 children without vaccination, vulnerable to vaccine-preventable diseases and a further 47,000 with incomplete protection.
- Kazakhstan accounted for 36.2% of zero-dose children in Europe and Central Asia (ECAR) and 1% of zero-dose children globally.
- MCV1 coverage increased 3 percentage points from 62% in 2024 to 65% in 2025. There were 137,000 children who missed out on the first measles vaccination.
- MCV2 coverage increased 3 percentage points from 59% in 2024 to 62% in 2025.
- Last dose coverage of HPV vaccination (HPVc) among girls remained constant at 45% in 2025.

Vaccination schedule, 2025

Level	Vaccine	Dose number and age administered			
		1	3	2	4
National	BCG	Birth			
National	DTAPHIBHEPBIPV	2 months	4 months		
National	DTAPHIBIPV			3 months	
National	DTAPHIBIPV (booster)				18 months
National	HEPB (pediatric)	Birth			
National	HPV (females)	11 years		11.5 years	
National	MMR	1 year		6 years	
National	OPV	1 year			
National	PCV	2 months	12 months	4 months	

This table shows the 2025 national immunization schedule for routine services in Kazakhstan, reported through the WHO/UNICEF Joint Reporting Form on Immunization (JRF).

Each row corresponds to a vaccine or combination vaccine, indicating whether it is delivered at the national or subnational level. The schedule outlines the number of doses and the recommended ages for administration. Only childhood and adolescent vaccines relevant to WUENIC are included.

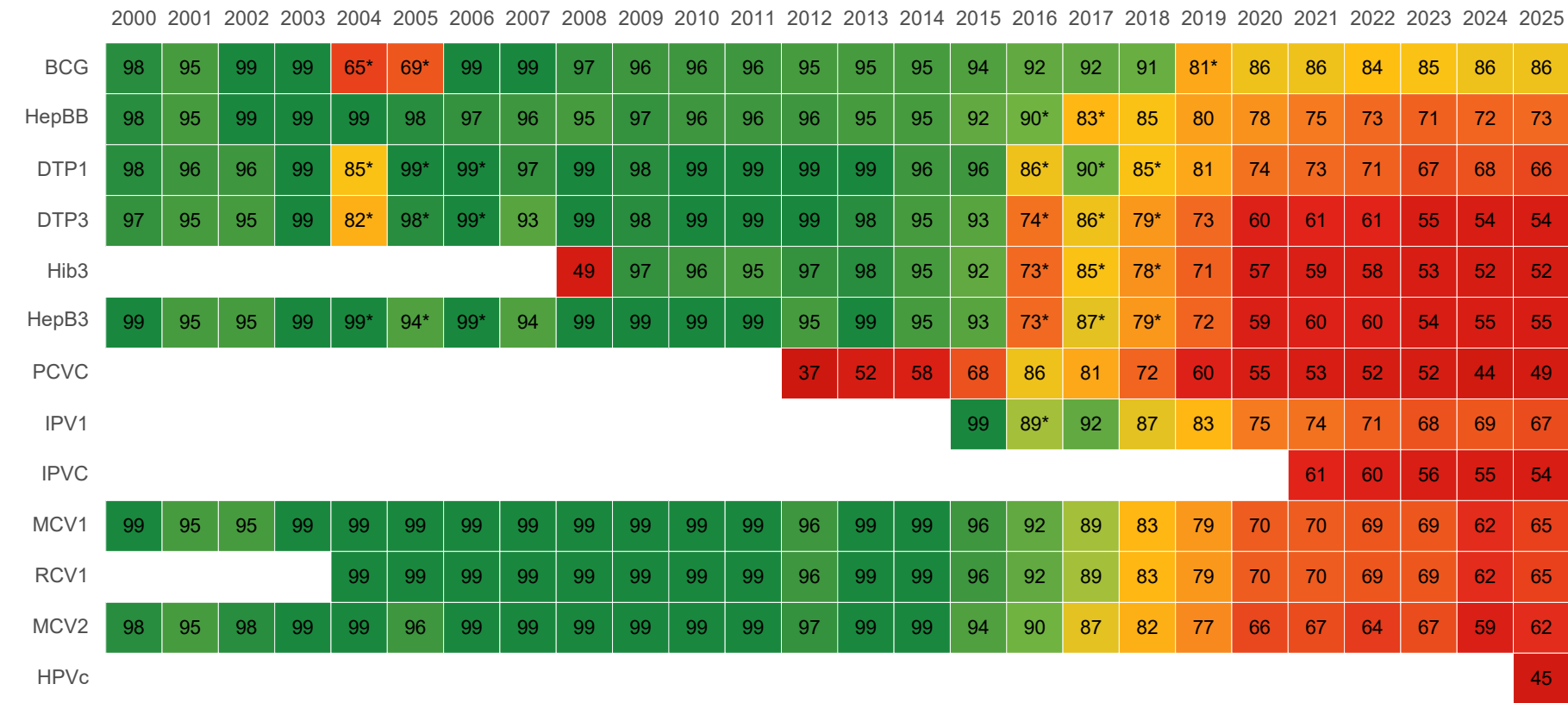
Vaccine introduction years

Vaccine	National introduction	Partial introduction
HPV (Human papillomavirus) vaccine	2024	
HepB birth dose	1998	
Hepatitis B vaccine	1998	
Hib (Haemophilus influenzae type B) vaccine	2008	
IPV (Inactivated polio vaccine)	2013	
IPV (Inactivated polio vaccine) 2nd dose	2013	
Malaria vaccine	Not introduced	
Measles-containing vaccine 2nd dose	1995	
Meningococcal meningitis vaccines (any strain)	Not introduced	
Mumps vaccine	1995	
PCV (Pneumococcal conjugate vaccine)	2013	2010
RSV (Respiratory syncytial virus) immunization strategy	Not introduced	
Rotavirus vaccine	Not introduced	
Rubella vaccine	2004	
Typhoid conjugate vaccine	Not introduced	

This table displays the year each vaccine was introduced in Kazakhstan. If a vaccine has been suspended, no introduction year is shown, but if it was suspended and later reintroduced, the year of reintroduction is provided. The introduction years can reflect nationwide rollout, partial (subnational) rollout, or introduction targeted to specific risk groups or high-risk areas, as indicated in the column headers.

In 2025, coverage increased for five antigens, remained unchanged for four, and declined for four, indicating overall progress in routine immunization performance; none achieved at least 90% coverage.

Vaccine coverage, Kazakhstan, 2000-2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision.
Note: Stock information available from 2003.
An asterisk (*) indicates where there was a vaccine stockout at the national or subnational level.

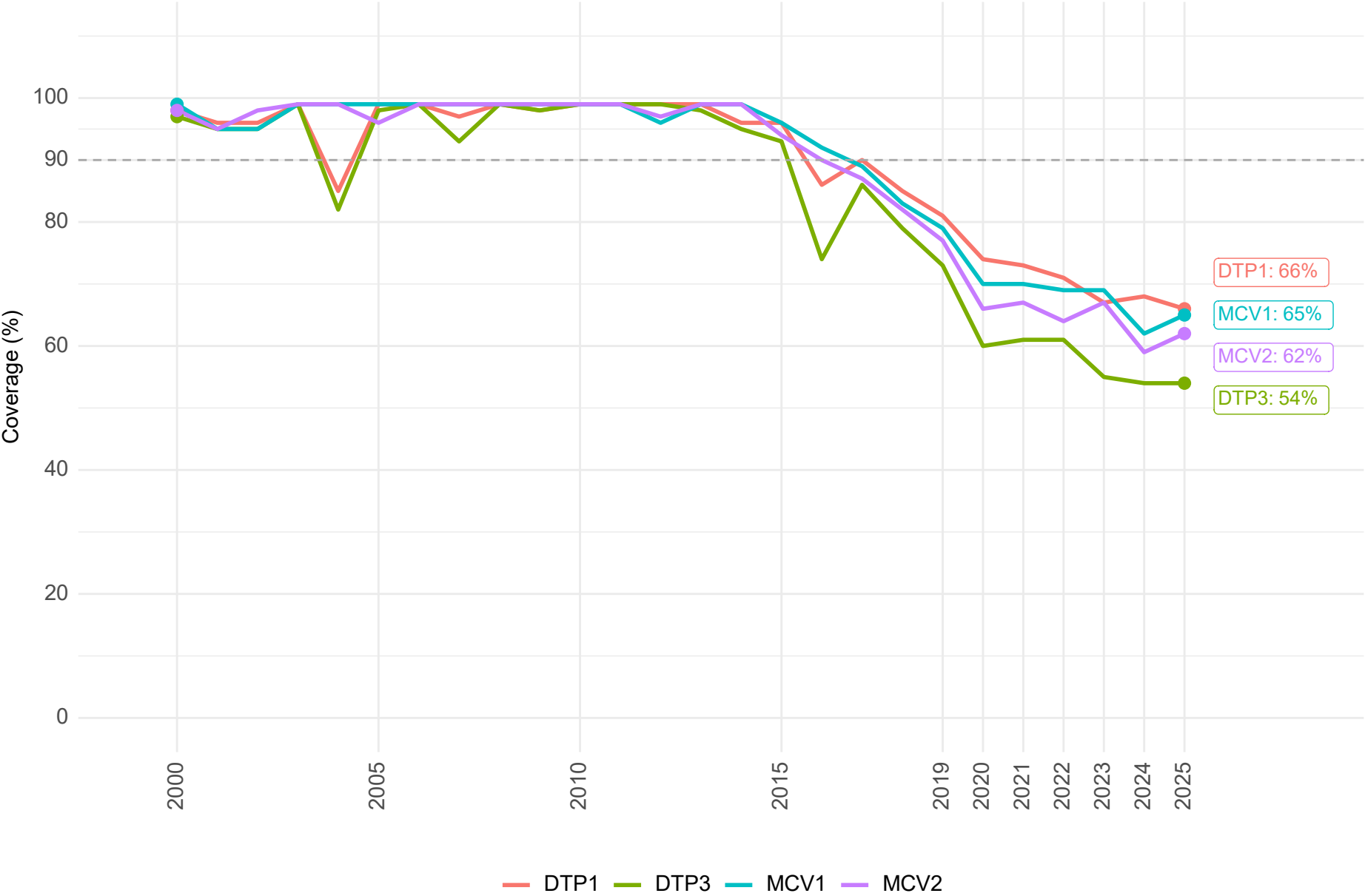
This heatmap shows trends in vaccine coverage since 2000, with green cells indicating coverage of 90% or more.

In 2025, none of the 13 vaccines in the schedule achieved coverage of 90% or more. Vaccine coverage ranged from 49% to 86%.

Since 2004, estimates have been made for 6 new vaccines. HPVc is the newest vaccine reported (2025), which achieved 45% coverage in 2025.

In 2025, Kazakhstan did not report any stockouts of vaccines or supplies.

Coverage of key childhood vaccines (%), Kazakhstan, 2000-2025



This chart shows coverage trends for the DTP and measles vaccines. These are key antigens for assessing national immunization programmes.

In 2025, DTP1 coverage (a proxy for access to immunization services) was 65%.

DTP3 coverage - a marker of how well countries are delivering immunization services to children - was below the 90% target set for 2030.

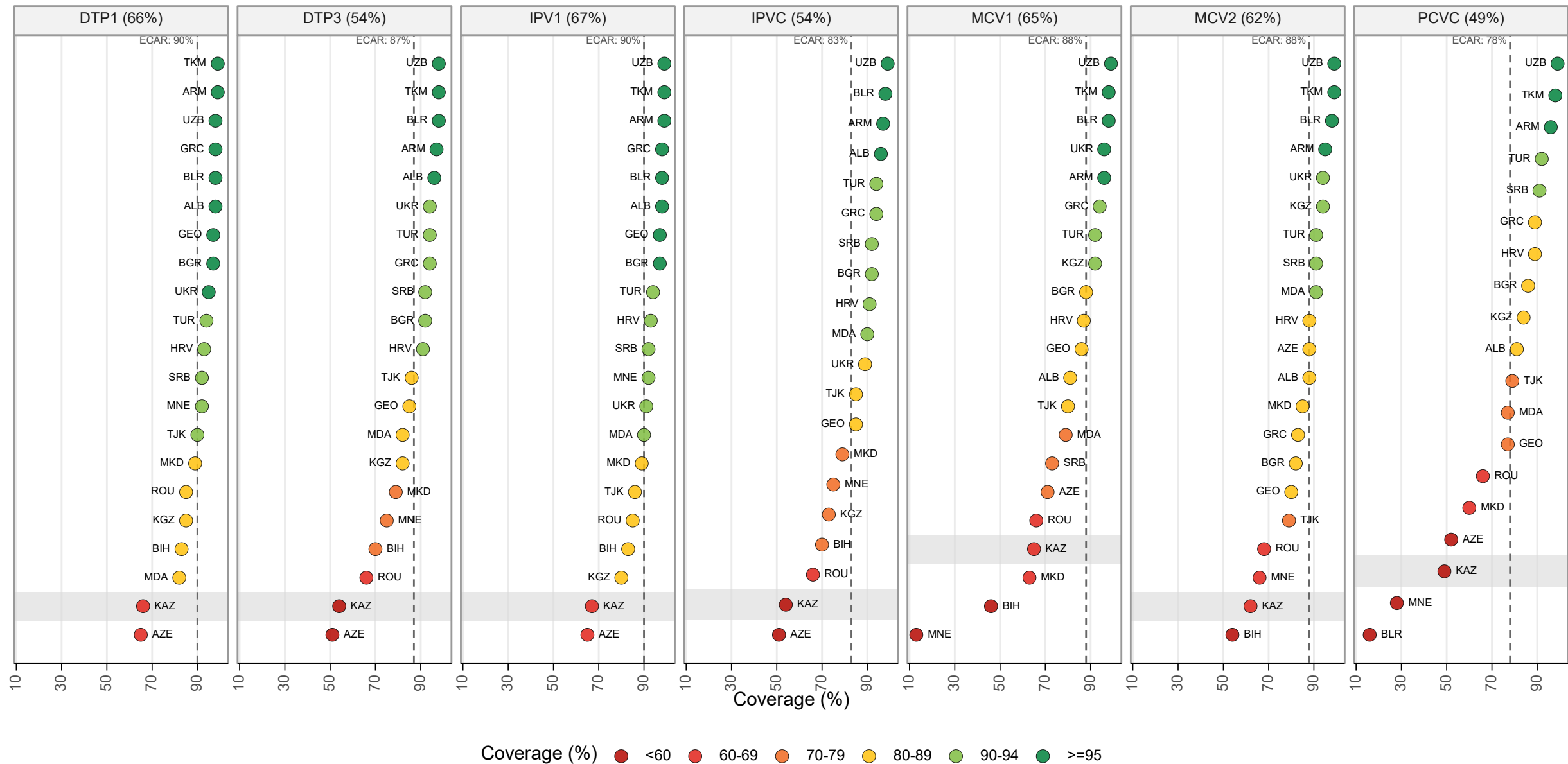
WHO recommends that countries achieve at least 95% coverage with both the first (MCV1) and second (MCV2) doses of measles-containing vaccine. MCV1 provides initial protection and MCV2 ensures long-term immunity and closes gaps in coverage.

In 2025, MCV1 coverage was below the 95% target and MCV2 coverage was below the 95% target.

Between 2024 and 2025, 2 vaccines increased coverage, 1 declined and 1 remained the same.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

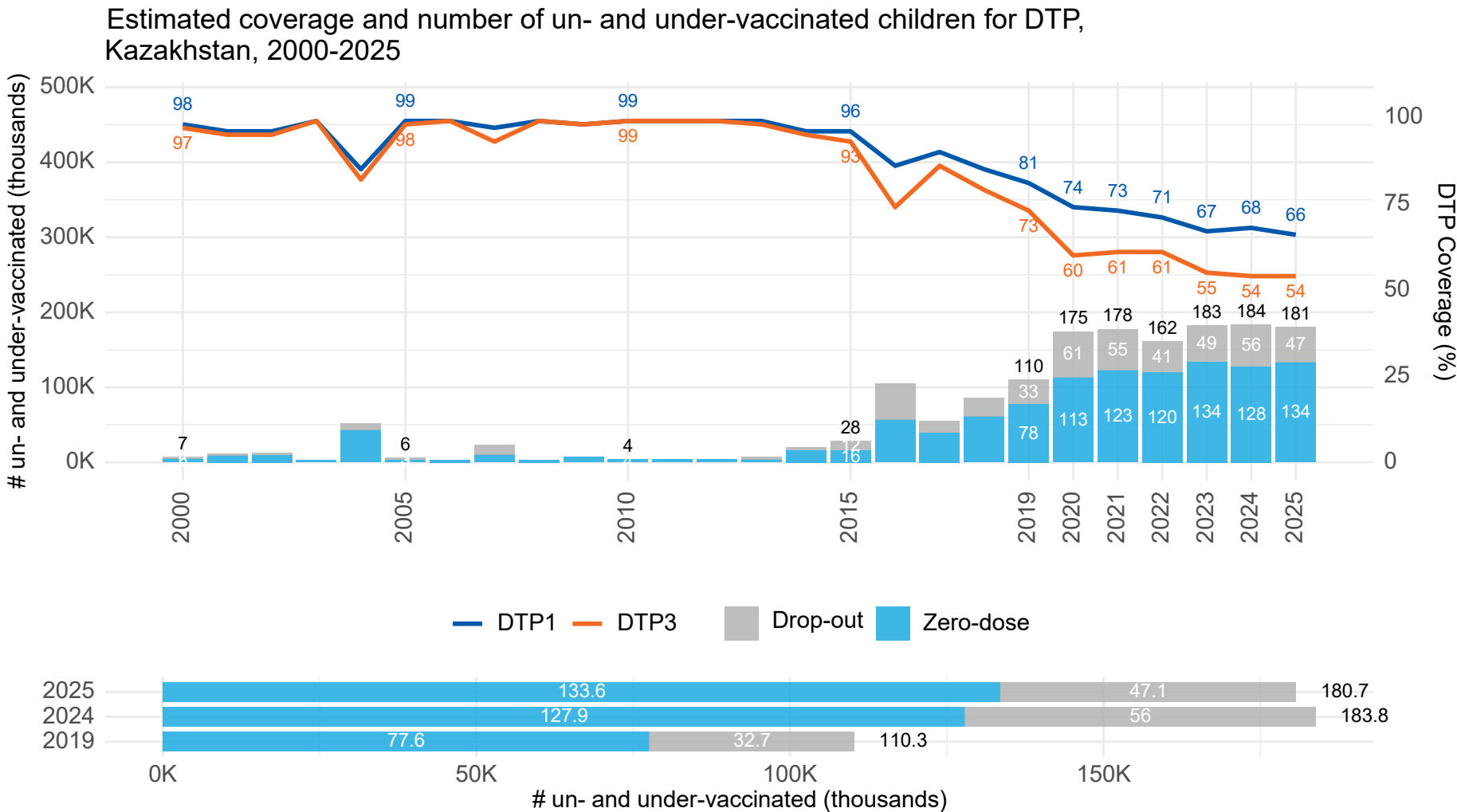
Vaccine coverage compared with other countries in the region, ECAR, 2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Country ISO codes displayed. Coverage in kaz shown in the headers. Regional average coverage shown by the dashed line.

DTP1

In 2025, DTP1 coverage was 66% and DTP3 was 54%, leaving 181,000 children un- or under-vaccinated, including 134,000 zero-dose and 47,000 with only partial protection.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Lines show vaccine coverage and bars show number of children.
Zero-dose children are those who did not receive DTP1.

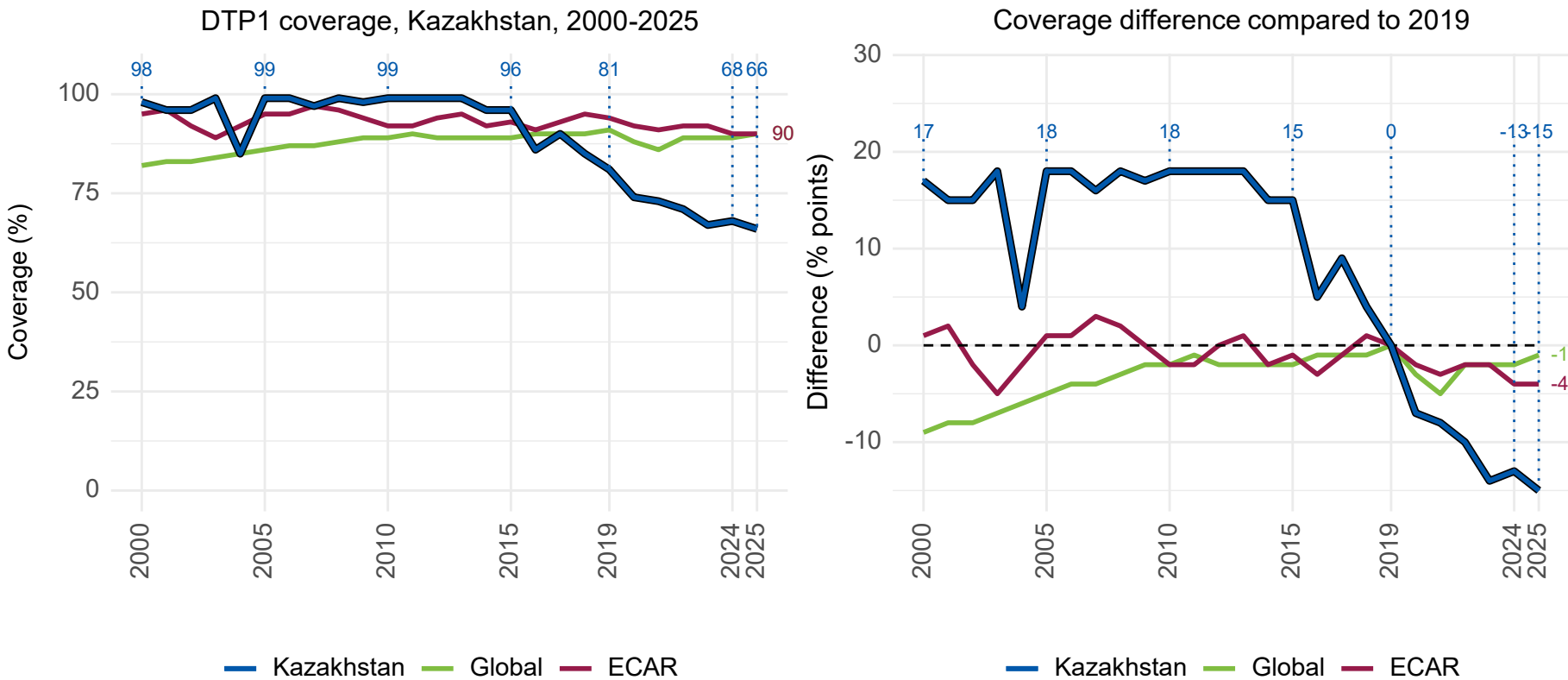
The key goal of the Immunization Agenda 2030 is to make vaccination available to everyone, everywhere, by 2030.

This chart shows diphtheria, tetanus and pertussis-containing vaccine first (DTP1) and third dose (DTP3) coverage trends, the number of zero-dose children and DTP drop-out in Kazakhstan.

In 2025, DTP1 coverage in Kazakhstan declined at 66%. The number of children missing out on any DTP vaccination (zero-dose children) increased from 128,000 in 2024 to 134,000 in 2025.

DTP3 coverage remained constant 54% in 2025, leaving 181,000 children vulnerable to vaccine-preventable diseases.

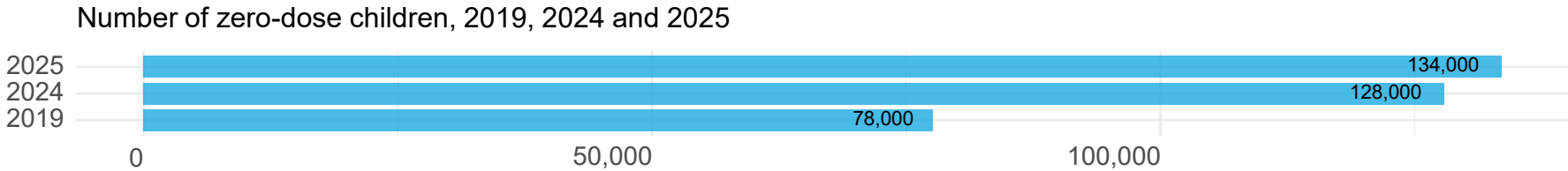
In 2025, Kazakhstan DTP1 coverage was 66% - this is 15 percentage points lower than in 2019 and more than 10 percentage points lower than both the global and regional averages.



In 2025, DTP1 coverage in Kazakhstan (66%) was 24 percentage points lower than the global average (90%) and 24 percentage points lower than the average across all ECAR countries (90%).

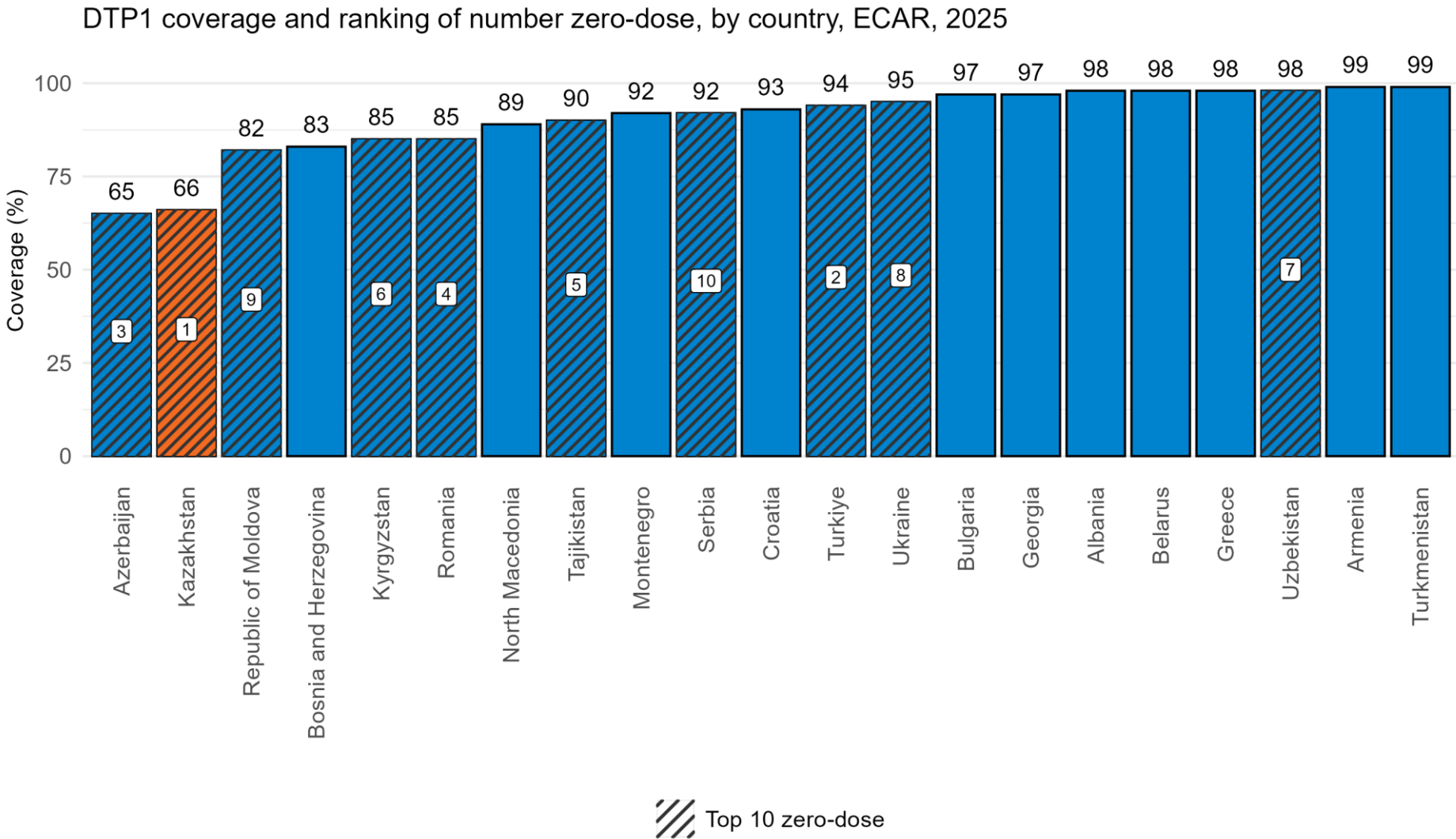
National DTP1 coverage was 15 percentage points lower than in 2019 (81%).

This equates to 134,000 zero-dose children in 2025 compared to 78,000 zero-dose children in 2019.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Coverage difference compared to 2019 - values above zero indicate coverage higher than in 2019 and values below zero indicate coverage lower than in 2019

In 2025, Kazakhstan was among the countries with the lowest coverage and had the highest number of zero-dose children in the region, highlighting it as a key country requiring support.



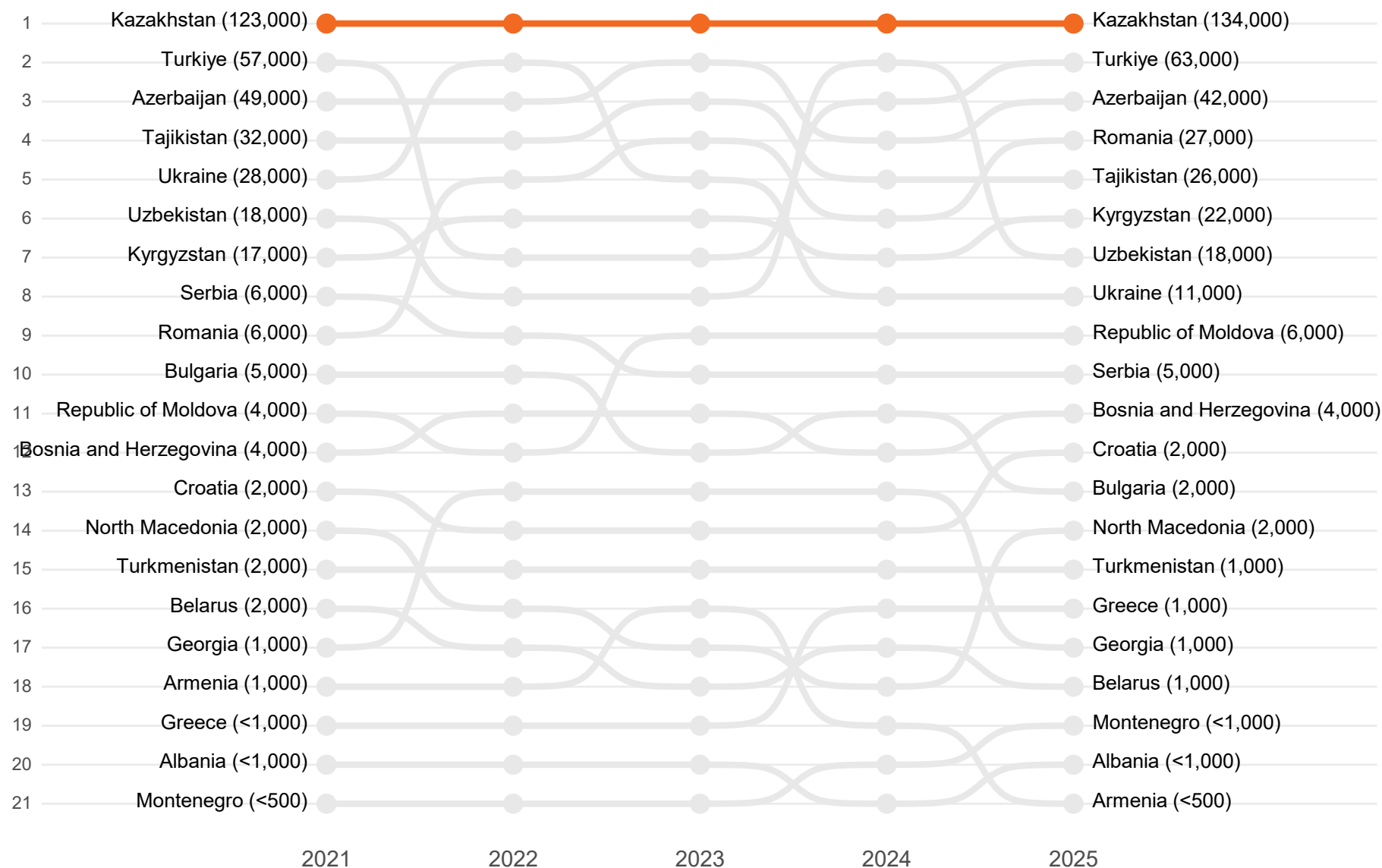
This chart shows DTP1 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most zero-dose children, based on absolute numbers.

In 2025, Kazakhstan ranked number 2 out of 21 countries for lowest DTP1 coverage (based on tied ranks).

Kazakhstan was in the top 10 countries with the most zero-dose children (rank=1).

Note: Large cohort countries may have high numbers of zero-dose children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

Countries ranked by number of zero-dose children, ECAR, 2021-2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
 Note: Number in parentheses is the number of zero-dose children.

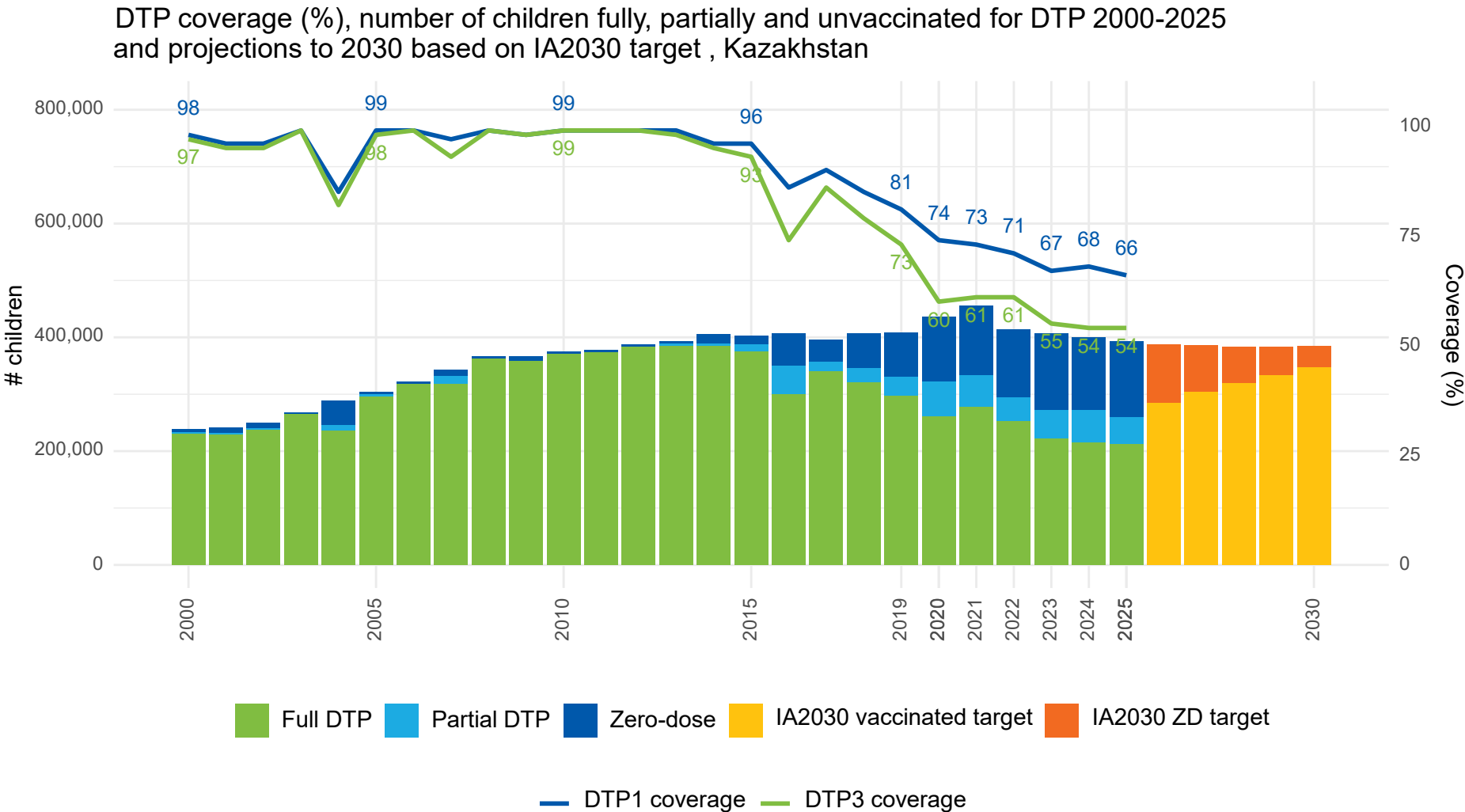
This chart compares the ranking of countries in the region based on the absolute number of zero-dose children, with rank 1 representing the country with the most zero-dose children.

In 2021, Kazakhstan ranked number 1 out of 21 countries with 123,000 zero-dose children.

In 2025, Kazakhstan ranked number 1 out of 21 countries with 134,000 zero-dose children.

Note: Absolute numbers of zero-dose children is based on a combination of programme performance and surviving infant target population size. Countries may climb to a higher rank despite a decline in number of zero-dose children as the ranking also depends on performance of other countries in the region.

Considerably more children need to be vaccinated each year to achieve the IA2030 goal of halving the number of zero-dose children by 2030, with a projected decline in surviving infants.



Sources: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision; United Nations, Department of Economic and Social Affairs, Population Division (2024). World Population Prospects 2024, Online Edition. Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero dose children in 2019 by half by 2030.

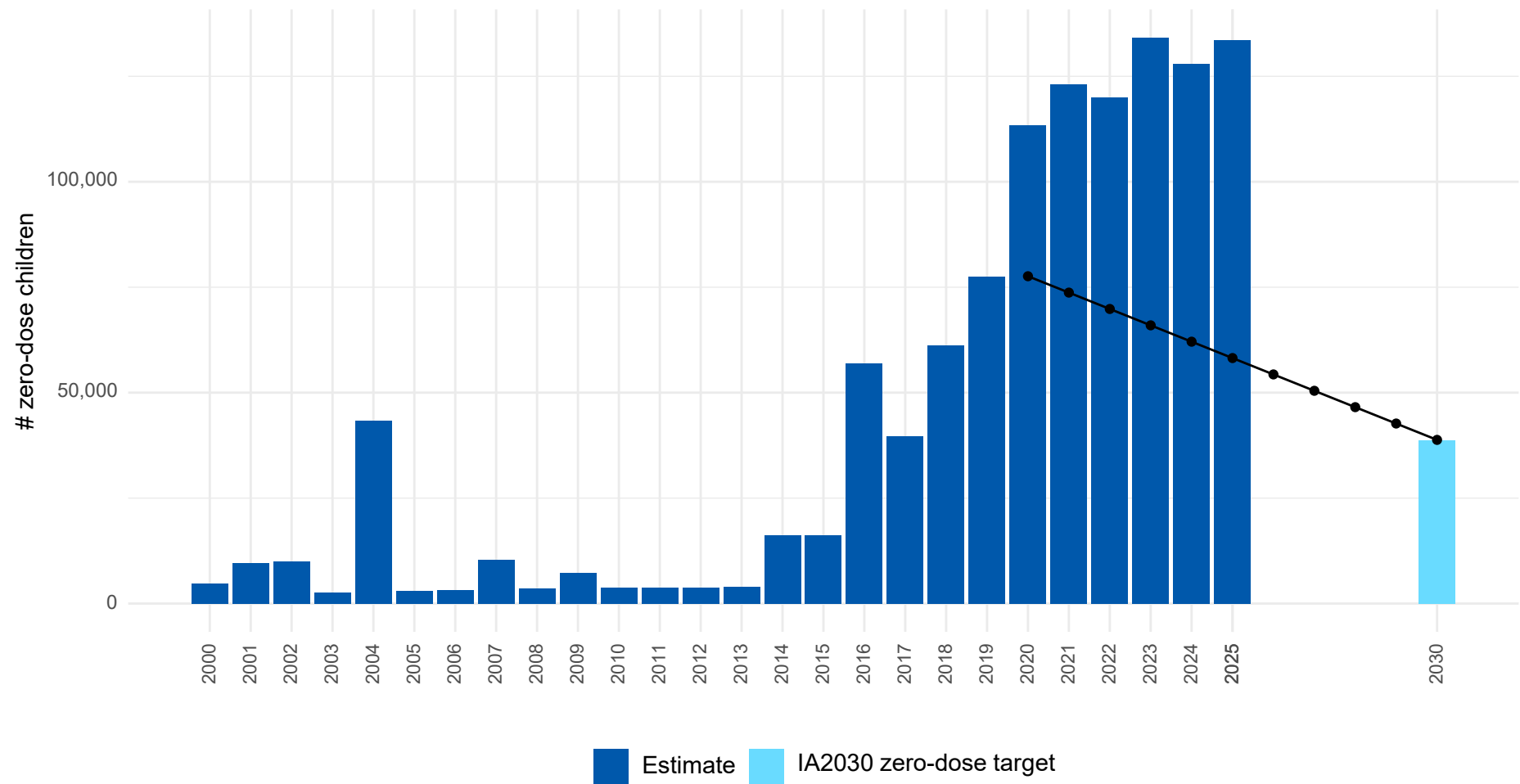
IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

Kazakhstan is projected to have a decline in the number of surviving infants by 2030. considerably more (~5.98%) children need to be vaccinated with DTP1 each year.

In 2025, the number of zero-dose children was 129% above the annual IA2030 goal, putting the 2030 goal at serious risk without accelerated action.

Estimated number of zero-dose children, 2000-2025 and target by 2030, Kazakhstan



IA2030 aims to leave no one behind with immunization and calls on all countries to reduce the number of zero dose children by half by 2030.

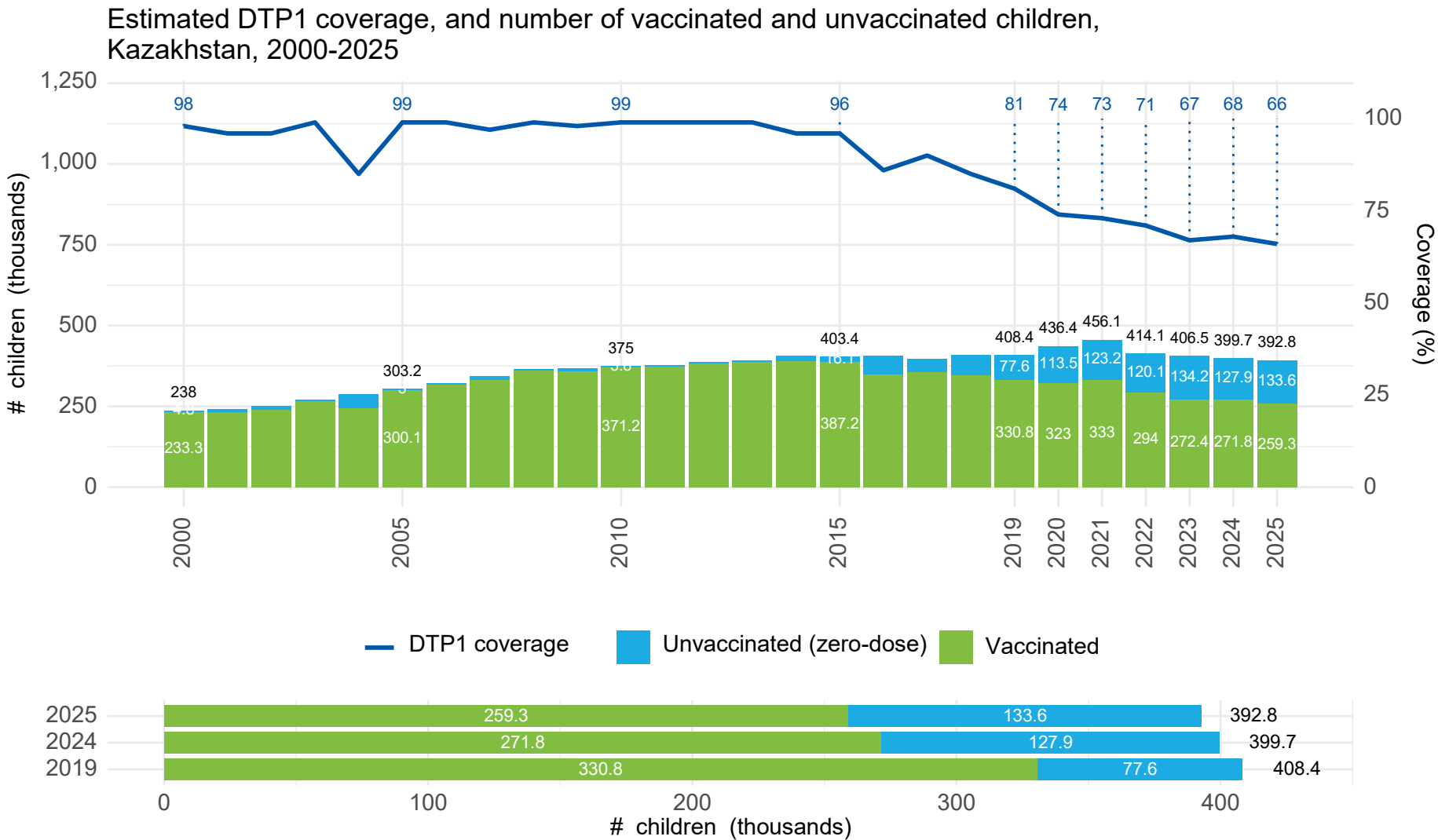
- This chart shows:
- Estimated number of zero-dose children in 2000-2025 (dark blue bars)
 - Zero-dose target by 2030 (light blue bar)
 - Trajectory to reach the 2030 target based on a linear decline (points)

In 2025, the number of zero-dose children was approximately 129% higher than the annual number proposed to reach the target, based on a linear trajectory of decline.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. Dark blue bars are the estimated number of zero-dose children in 2000-2025, light blue bar is the target number of zero-dose children by 2030. The line and points show the yearly progress and trajectory to meet the target by 2030, based on a linear decline.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

DTP1 coverage in 2025 (66%) was lower than in 2019 (81%).

The number of children vaccinated with DTP1 decreased 22% compared to in 2019.

The number of surviving infants decreased approximately 4% compared to in 2019.

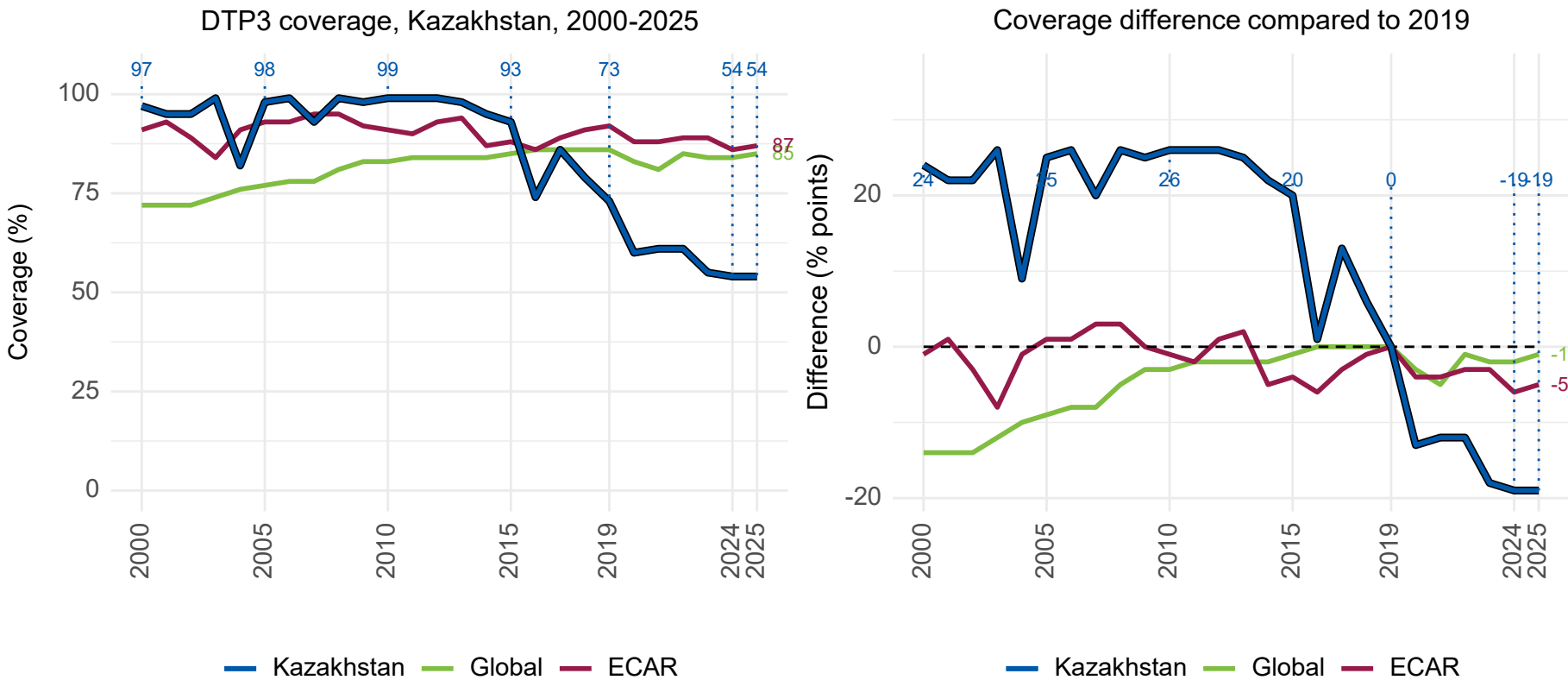
In 2025, 100,000 fewer children were vaccinated than in 2019.

In 2025, there were fewer surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

DTP3

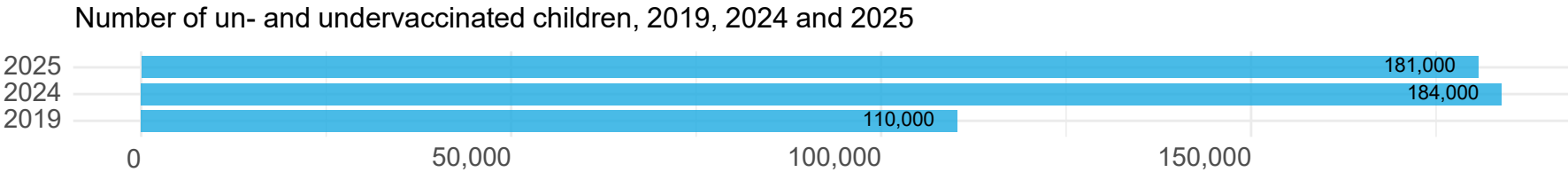
In 2025, Kazakhstan DTP3 coverage was 54% - this is 19 percentage points lower than in 2019 and more than 10 percentage points lower than both the global and regional averages.



In 2025, DTP3 coverage in Kazakhstan (54%) was 31 percentage points lower than the global average (85%) and 33 percentage points lower than the average across all ECAR countries (87%).

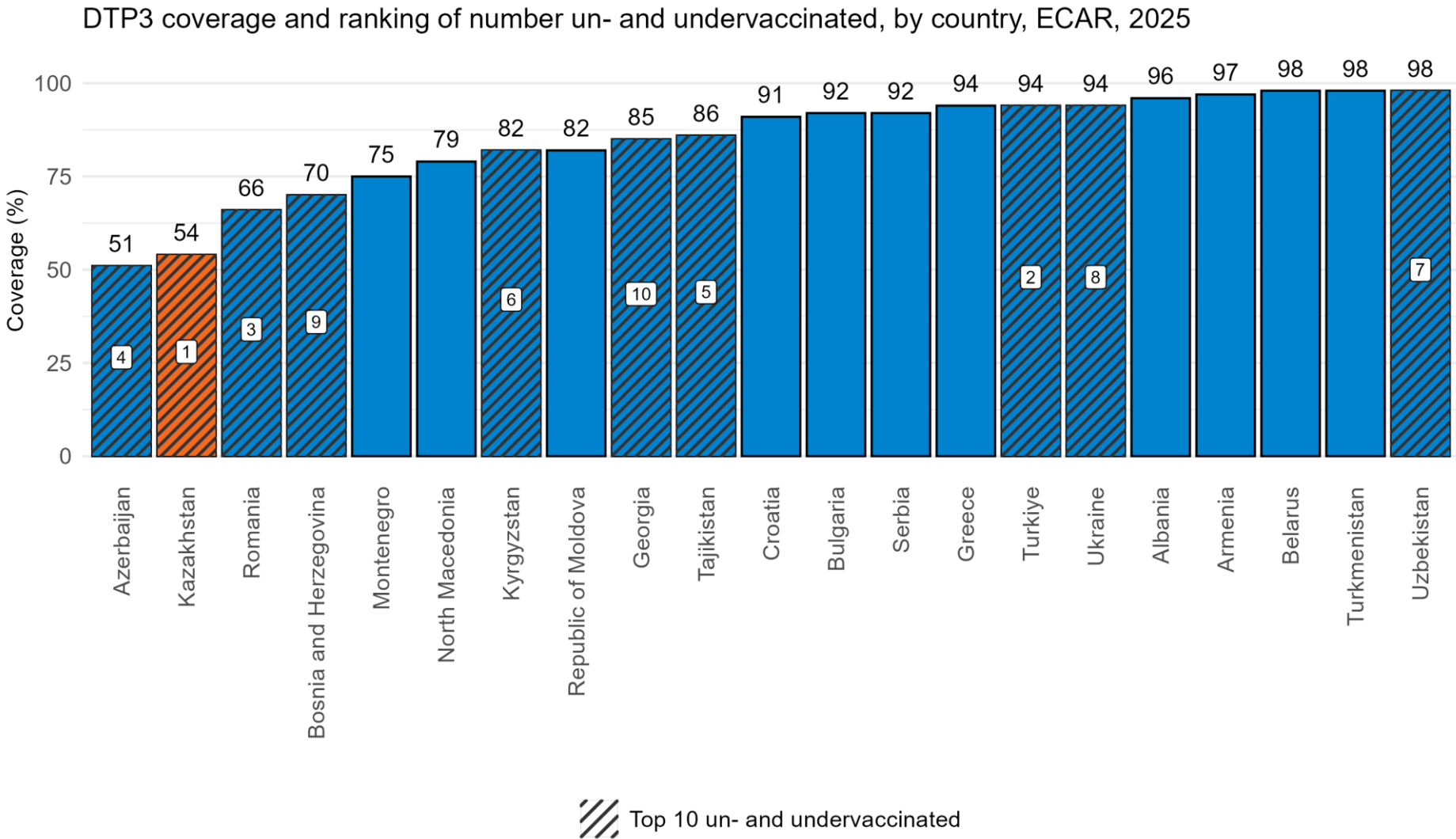
National DTP3 coverage was 19 percentage points lower than in 2019 (73%).

This equates to 181,000 un- and undervaccinated children in 2025 compared to 110,000 un- and undervaccinated children in 2019.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Coverage difference compared to 2019 - values above zero indicate coverage higher than in 2019 and values below zero indicate coverage lower than in 2019

In 2025, Kazakhstan was among the countries with the lowest coverage and had the highest number of un- and undervaccinated children in the region, highlighting it as a key country requiring support.



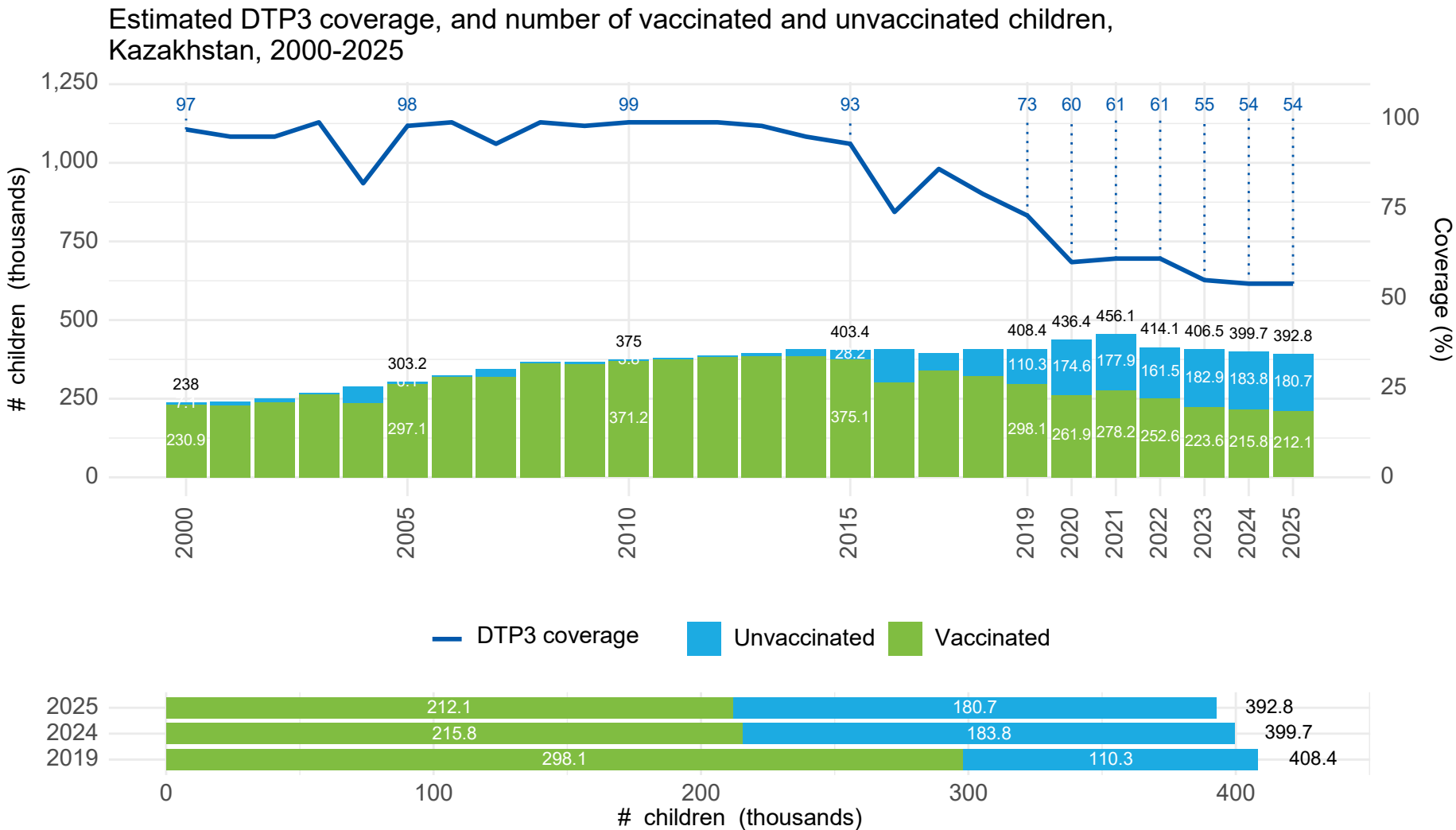
This chart shows DTP3 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most un- and undervaccinated children, based on absolute numbers.

In 2025, Kazakhstan ranked number 2 out of 21 countries for lowest DTP3 coverage (based on tied ranks).

Kazakhstan was in the top 10 countries with the most un- and undervaccinated children (rank=1).

Note: Large cohort countries may have high numbers of un- and undervaccinated children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Unvaccinated includes zero-dose and undervaccinated children

DTP3 coverage in 2025 (54%) was lower than in 2019 (73%).

The number of children vaccinated with DTP3 decreased 29% compared to in 2019.

The number of surviving infants decreased approximately 4% compared to in 2019.

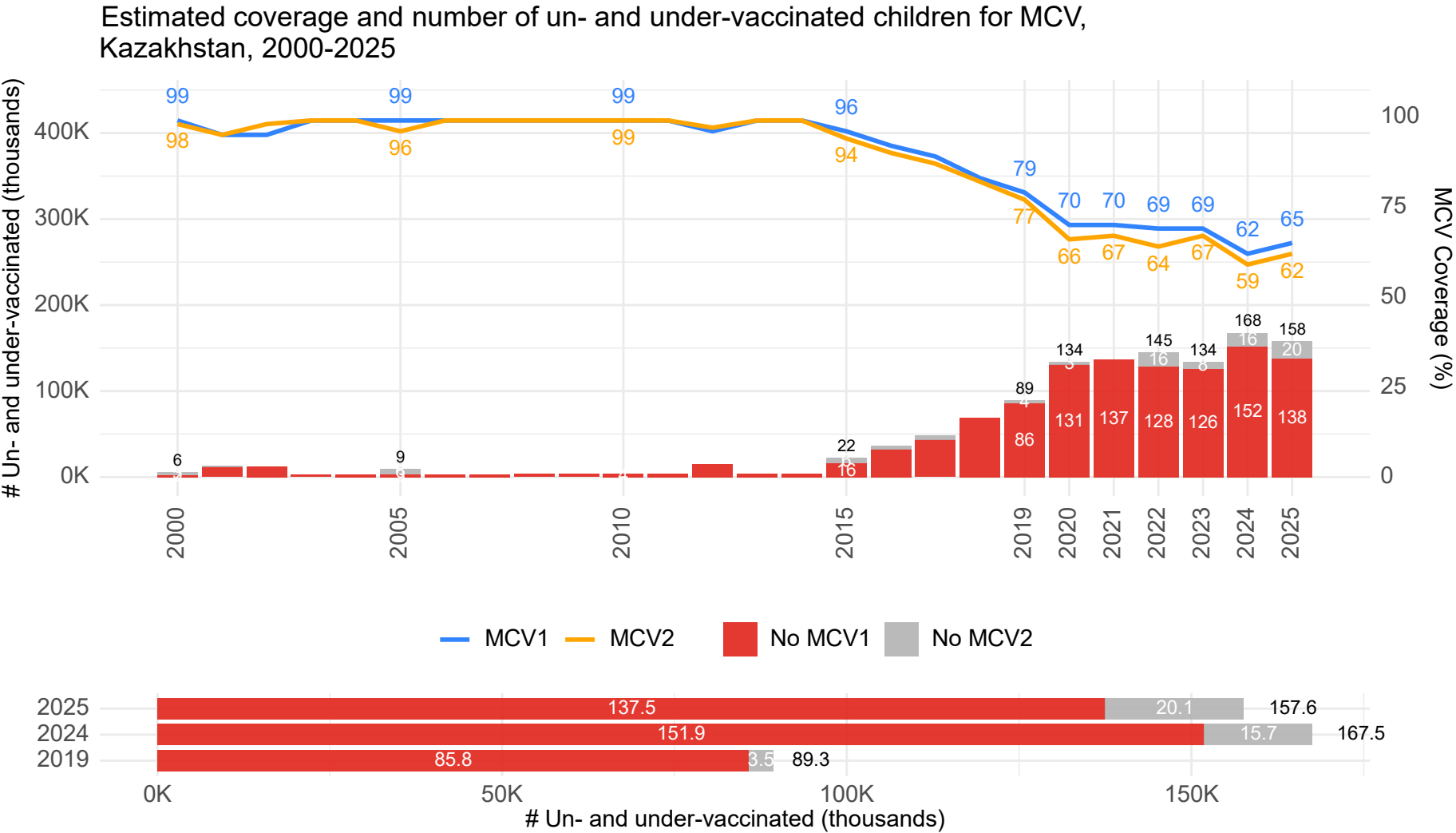
In 2025, 100,000 fewer children were vaccinated than in 2019.

In 2025, there were fewer surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

MCV1

MCV1 coverage increased to from 62% in 2024 to 65% in 2025 - below the 95% level needed to prevent outbreaks and, leaving 137,000 children without any protection against measles. MCV2 coverage increased to from 59% in 2024 to 62% in 2025 - below the IA2030 target of 90%.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Lines show vaccine coverage and bars show number of children.

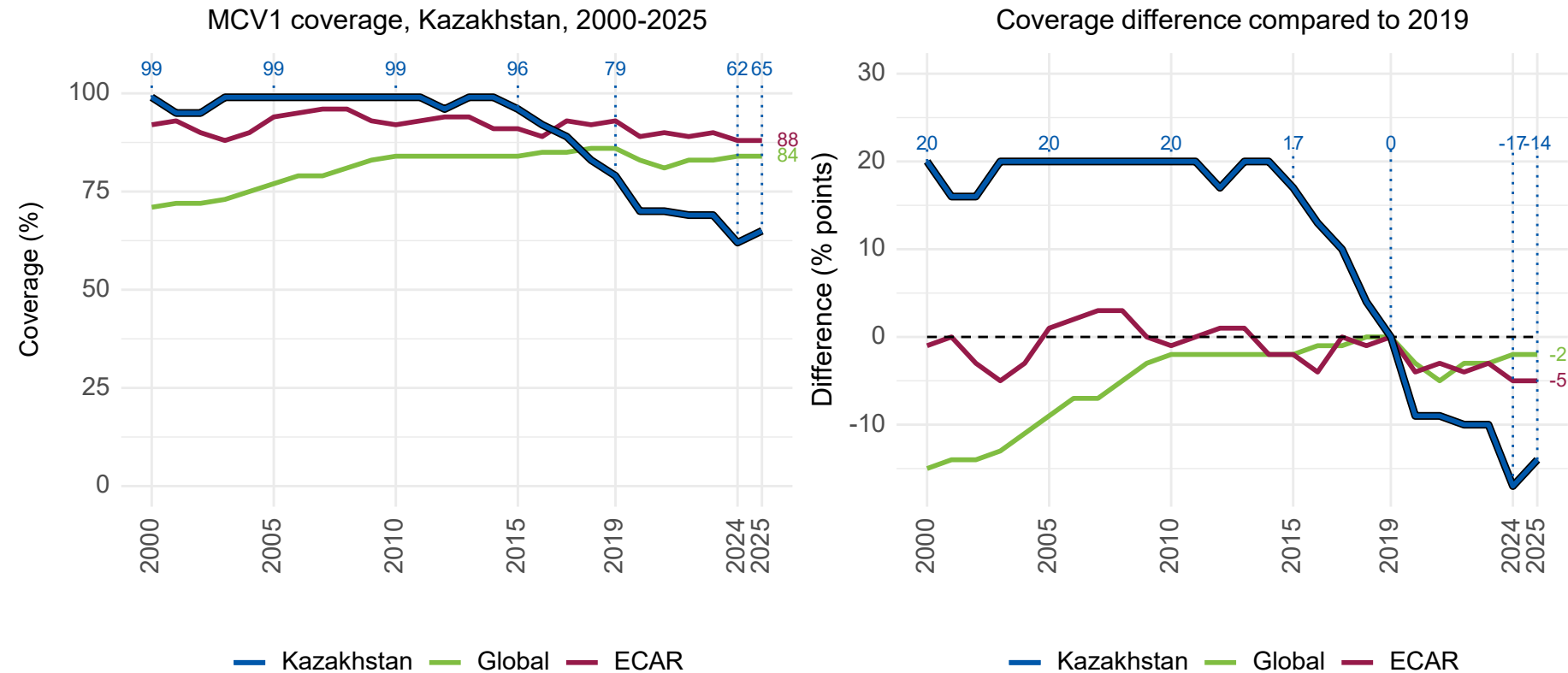
Measles, because of its high transmissibility, acts as a 'canary in the coalmine', quickly exposing any immunity gaps in the population. The coverage of measles containing vaccine (MCV) is thus often used as a tracer for protection.

The percentage of children receiving MCV1 – typically at 9 or 12 months depending on the national vaccination schedule – increased to 65%. This is lower than in 2019, where coverage was 79%.

137,000 children missed their routine first dose of measles vaccine.

MCV2 is typically administered to children between 18 months and five years old. MCV2 coverage increased to 62% in 2025.

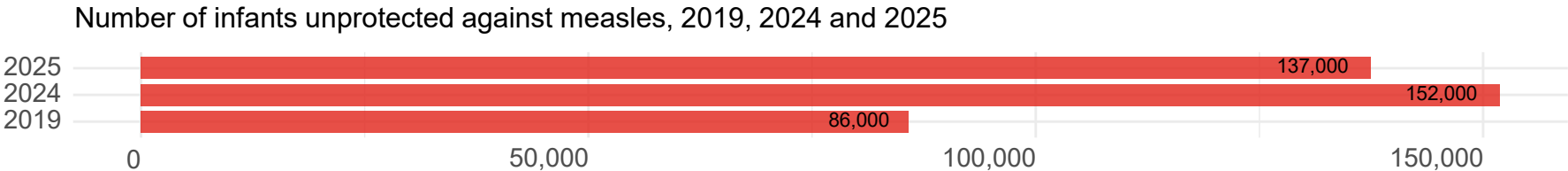
In 2025, Kazakhstan MCV1 coverage was 65% - this is 14 percentage points lower than in 2019 and more than 10 percentage points lower than both the global and regional averages.



In 2025, MCV1 coverage in Kazakhstan (65%) was 19 percentage points lower than the global average (84%) and 23 percentage points lower than the average across all ECAR countries (88%).

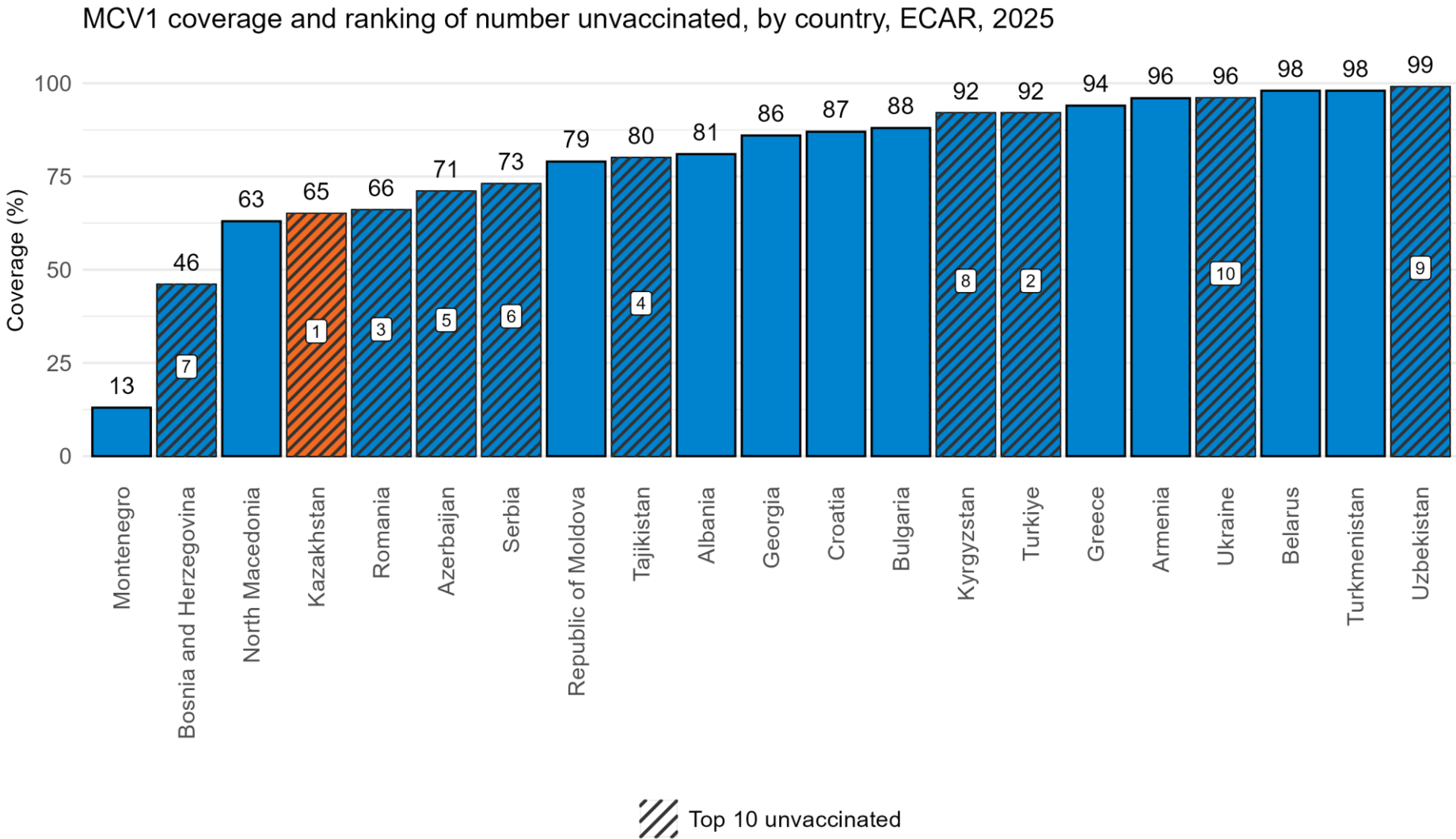
National MCV1 coverage was 14 percentage points lower than in 2019 (79%).

This equates to 137,000 unvaccinated children in 2025 compared to 86,000 unvaccinated children in 2019.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Coverage difference compared to 2019 - values above zero indicate coverage higher than in 2019 and values below zero indicate coverage lower than in 2019

In 2025, Kazakhstan was among the countries with the highest coverage, but had the highest number of unvaccinated children in the region, contributing the most to the unvaccinated burden.



This chart shows MCV1 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most unvaccinated children, based on absolute numbers.

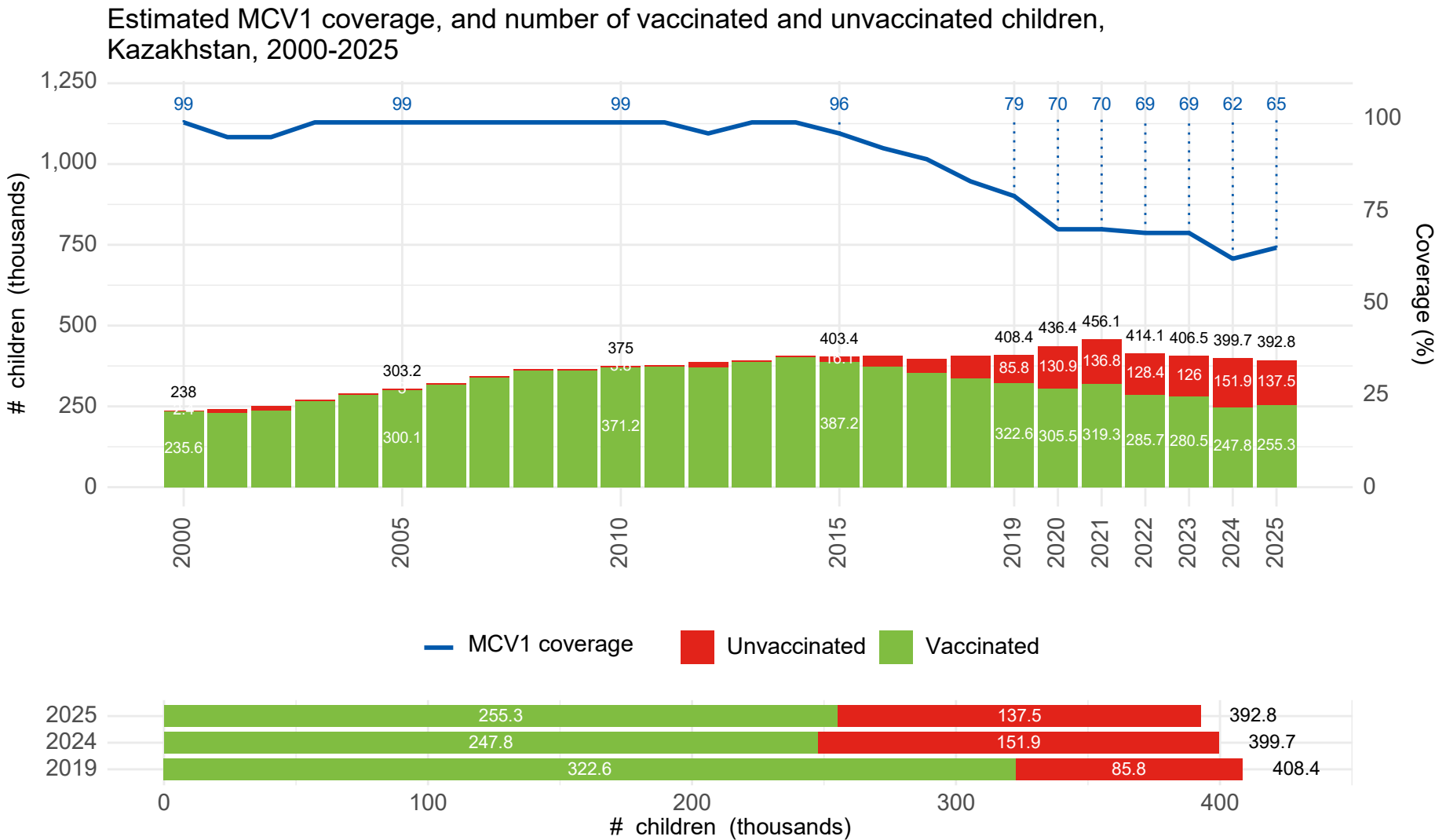
In 2025, Kazakhstan ranked number 4 out of 21 countries for lowest MCV1 coverage (based on tied ranks).

Kazakhstan was in the top 10 countries with the most unvaccinated children (rank=1).

Note: Large cohort countries may have high numbers of unvaccinated children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Bars are ranked by ascending coverage. Numbers in bubbles display top 10 rank based on absolute number of unvaccinated children.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

MCV1 coverage in 2025 (65%) was lower than in 2019 (79%).

The number of children vaccinated with MCV1 decreased 21% compared to in 2019.

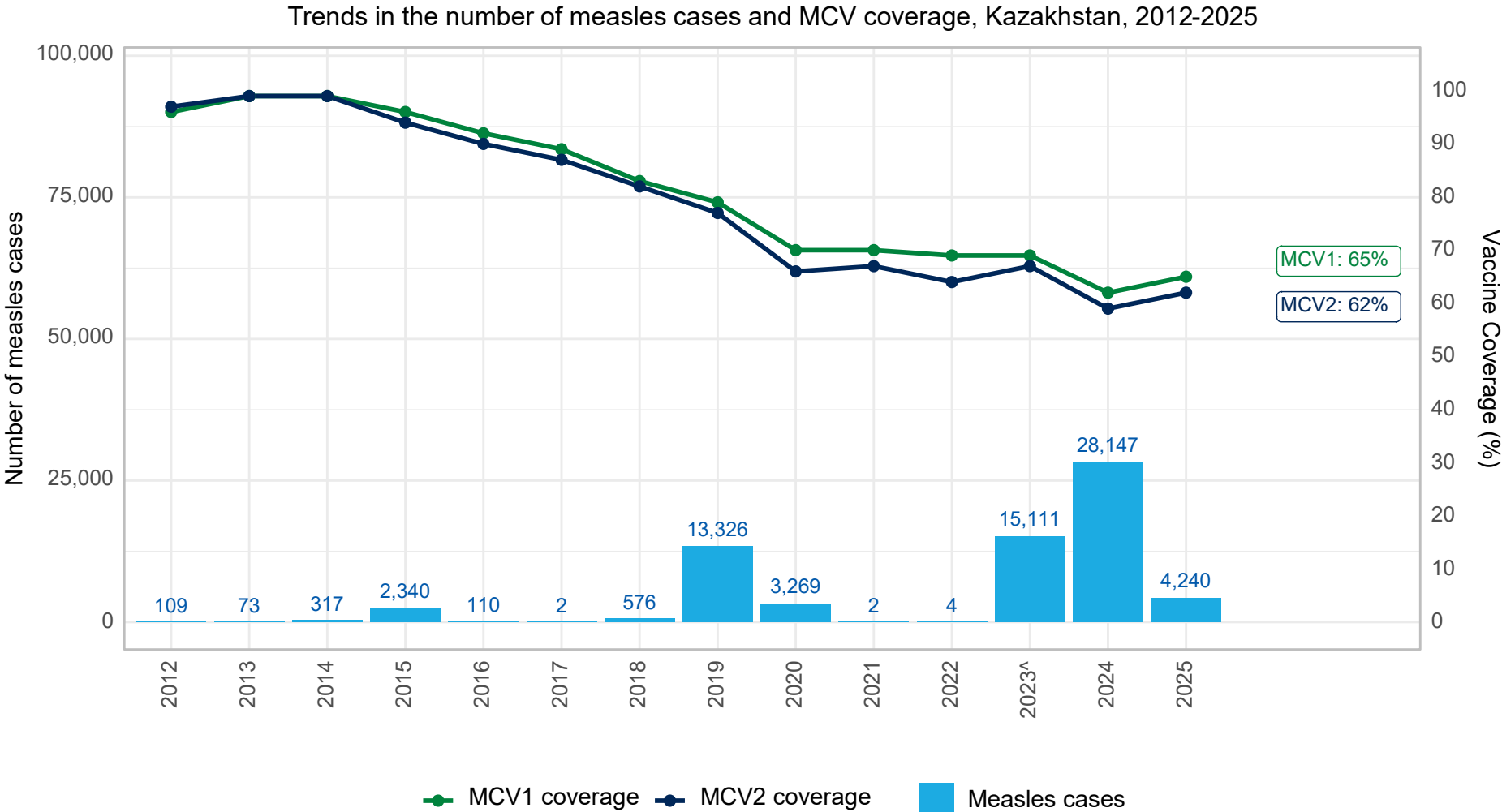
The number of surviving infants decreased approximately 4% compared to in 2019.

In 2025, 100,000 fewer children were vaccinated than in 2019.

In 2025, there were fewer surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

In 2025, Kazakhstan saw a decrease in measles cases compared with 2024, while MCV1 coverage was 65% and MCV2 coverage was 62%.



In 2025, there was a total of 4,240 confirmed measles cases in Kazakhstan. In the same year, MCV1 coverage was 65% and MCV2 coverage was 62%.

The number of cases in 2025 was 85% lower than in 2024 (n=28,147).

The highest number of measles cases was reported in 2024 (n=28,147). In this year, MCV1 coverage was 62%.

There were measles-containing vaccine supplementary immunization activities/campaigns in 2023.

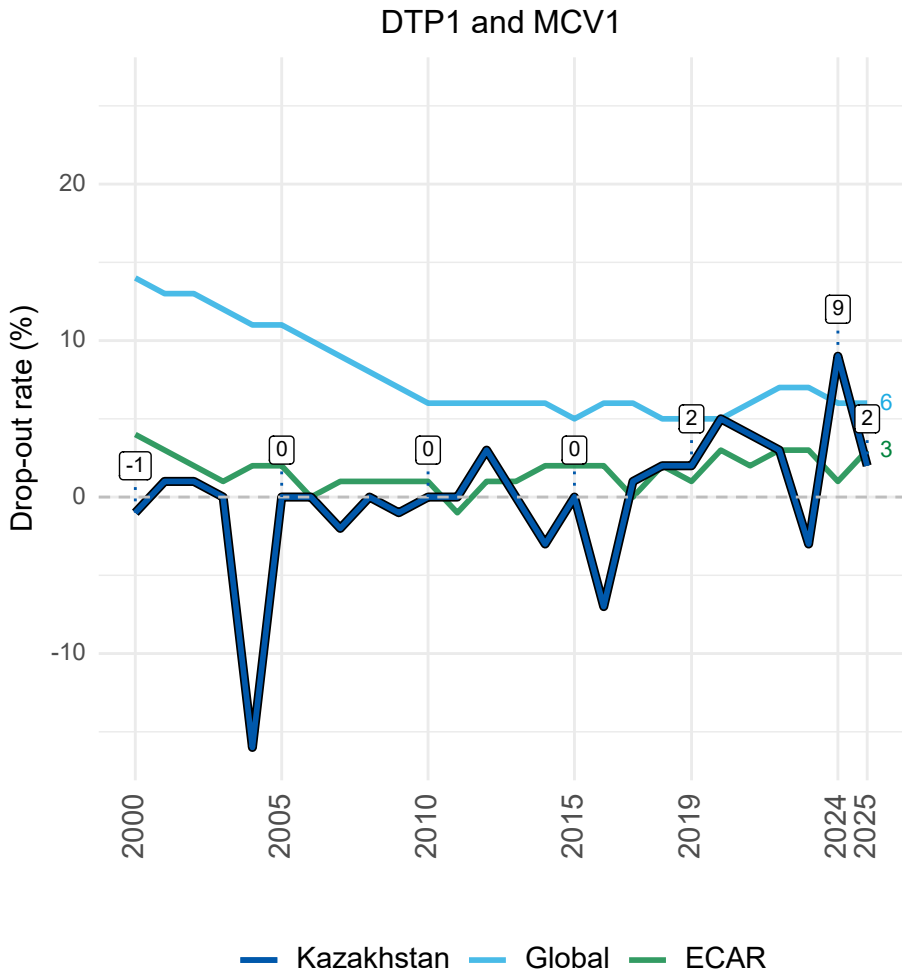
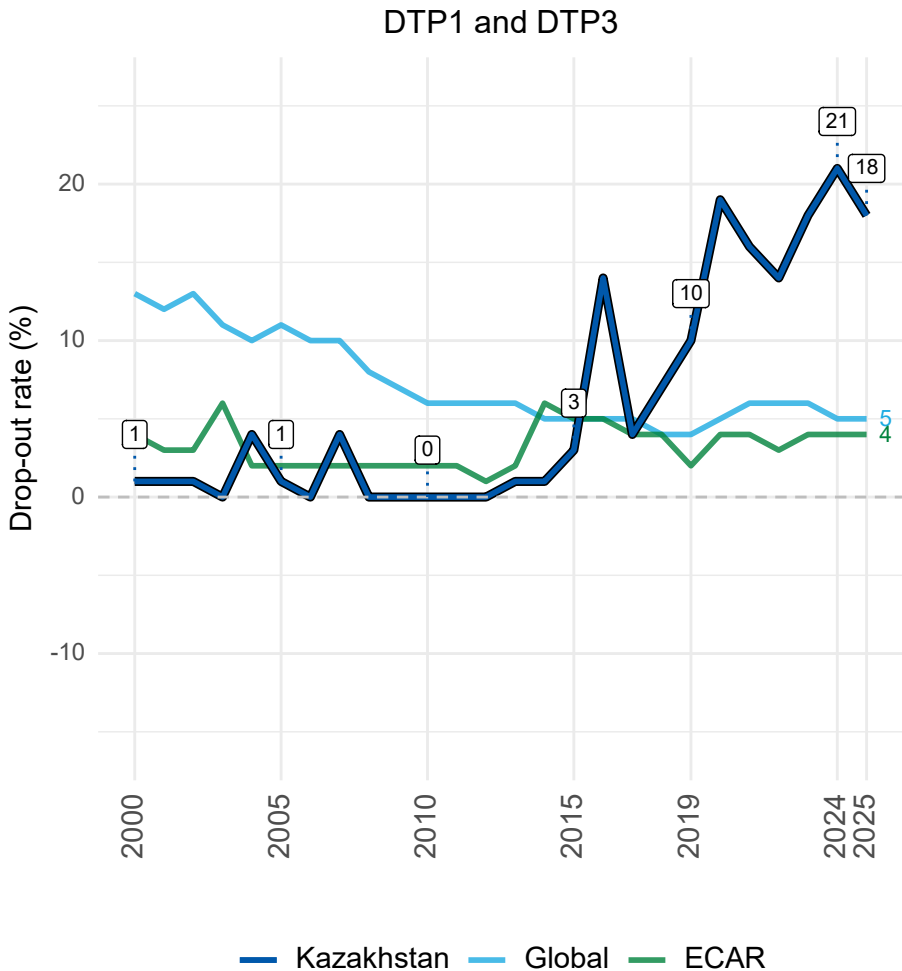
Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision; Reported measles and rubella cases and incidence rates by WHO Member States, as of 12 June 2026. Provisional data based on monthly data reported to WHO (Geneva) as of 12 June 2026.

Note: Asterisks (*) indicate years with measles vaccine stockouts and carets (^) indicates years with measles vaccination campaigns (national or subnational).

Childhood immunization: Additional charts

In 2025, DTP1-DTP3 drop-out was high (18%) and DTP1-MCV1 drop-out was low (2%) in Kazakhstan, indicating poor ability to deliver the primary series early on, but good ability to provide the full course of vaccines in infancy.

Zero-dose children are those who did not receive DTP1.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Drop-out classification: <5% = low, 5-10% = medium, >10% = high

Drop-out rates show the percentage of children who received DTP1, but not DTP3/MCV1. Low drop-out rates indicate high retention of children in immunization programmes.

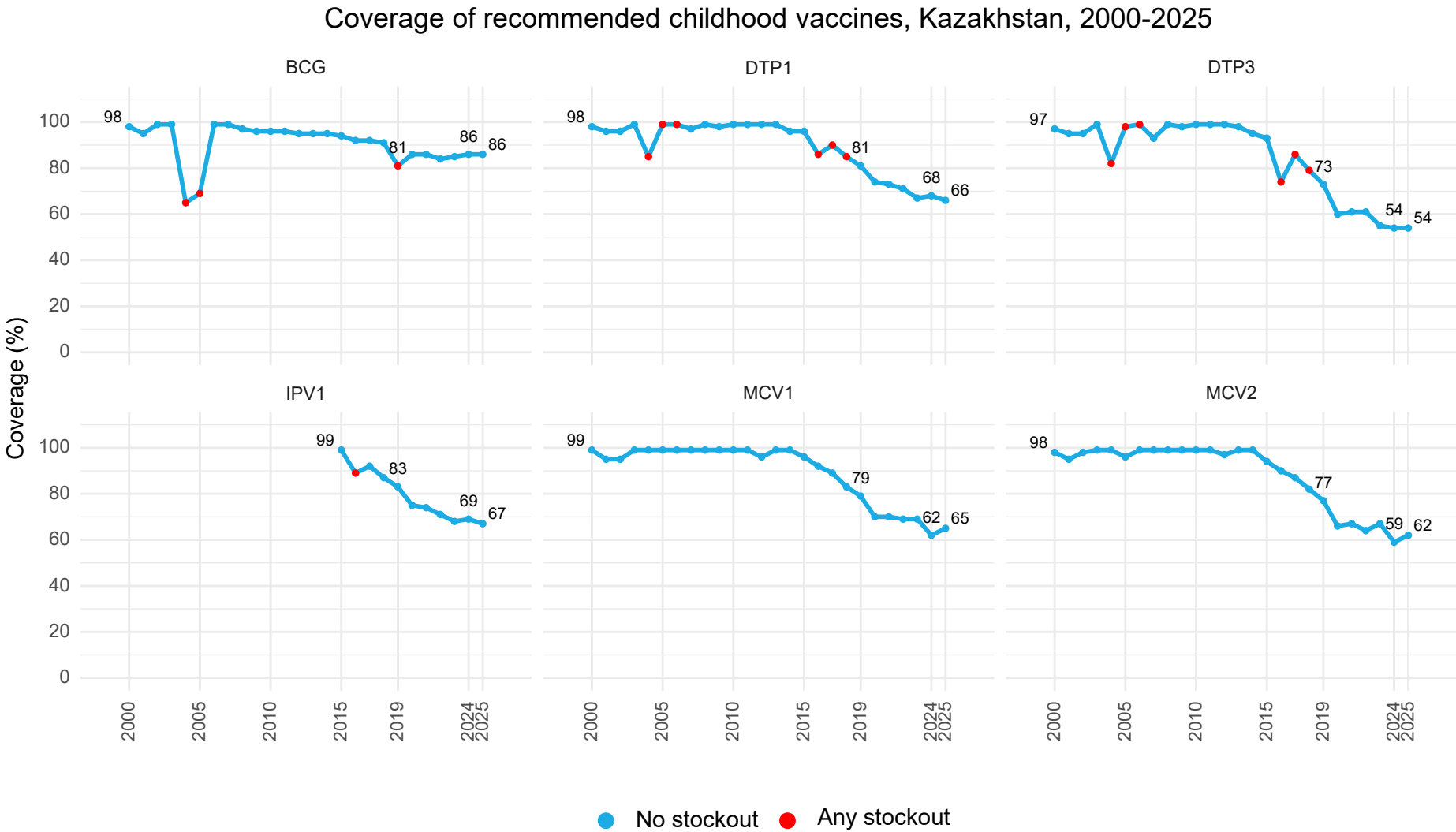
This chart shows trends in drop-out rates between DTP1 and DTP3, and DTP1 and MCV1.

In 2025, 18% of children who received DTP1 did not receive DTP3 (left), and 2% of children who received DTP1 did not receive MCV1 (right).

The high DTP drop-out rate implies poor ability to provide a complete series of vaccines early in life. The low DTP-MCV drop-out rate implies good retention in immunization programmes and ability to provide a full course of vaccines in infancy (up to one year).

In 2025, Kazakhstan DTP drop-out was higher than the global rate, while DTP-MCV drop-out was lower than the global rate.

In 2025, Kazakhstan had its lowest coverage in DTP3 (54%), while most other routine vaccines clustered around 62-86%; 5 antigens decreased since 2019, and 2 antigens decreased since 2024.



This chart shows trends in coverage of selected core routine vaccines recommended in childhood.

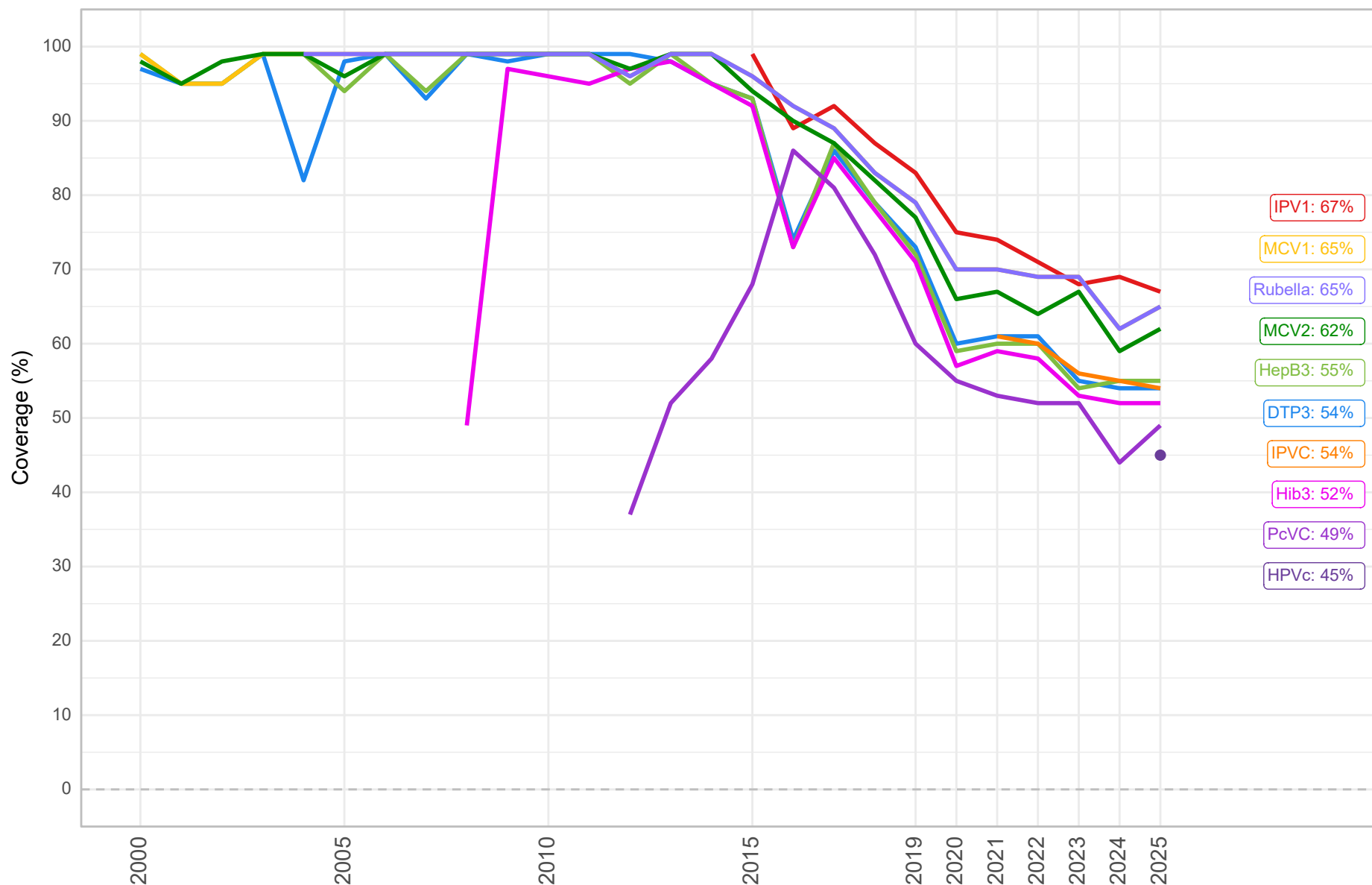
In 2025, DTP3 had the lowest coverage (54%), followed by MCV2 (62%).

Compared to 2019, coverage of one vaccine increased (BCG) and 5 vaccines decreased (DTP1, DTP3, IPV1, MCV1 and MCV2).

Compared to 2024, coverage of 2 vaccines remained constant (BCG and DTP3), 2 vaccines decreased (DTP1 and IPV1), and 2 vaccines increased (MCV1 and MCV2).

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Data labels are shown for 2000 (or first year of reporting), 2019 and 2025

Vaccine coverage (%), Kazakhstan, 2000-2025



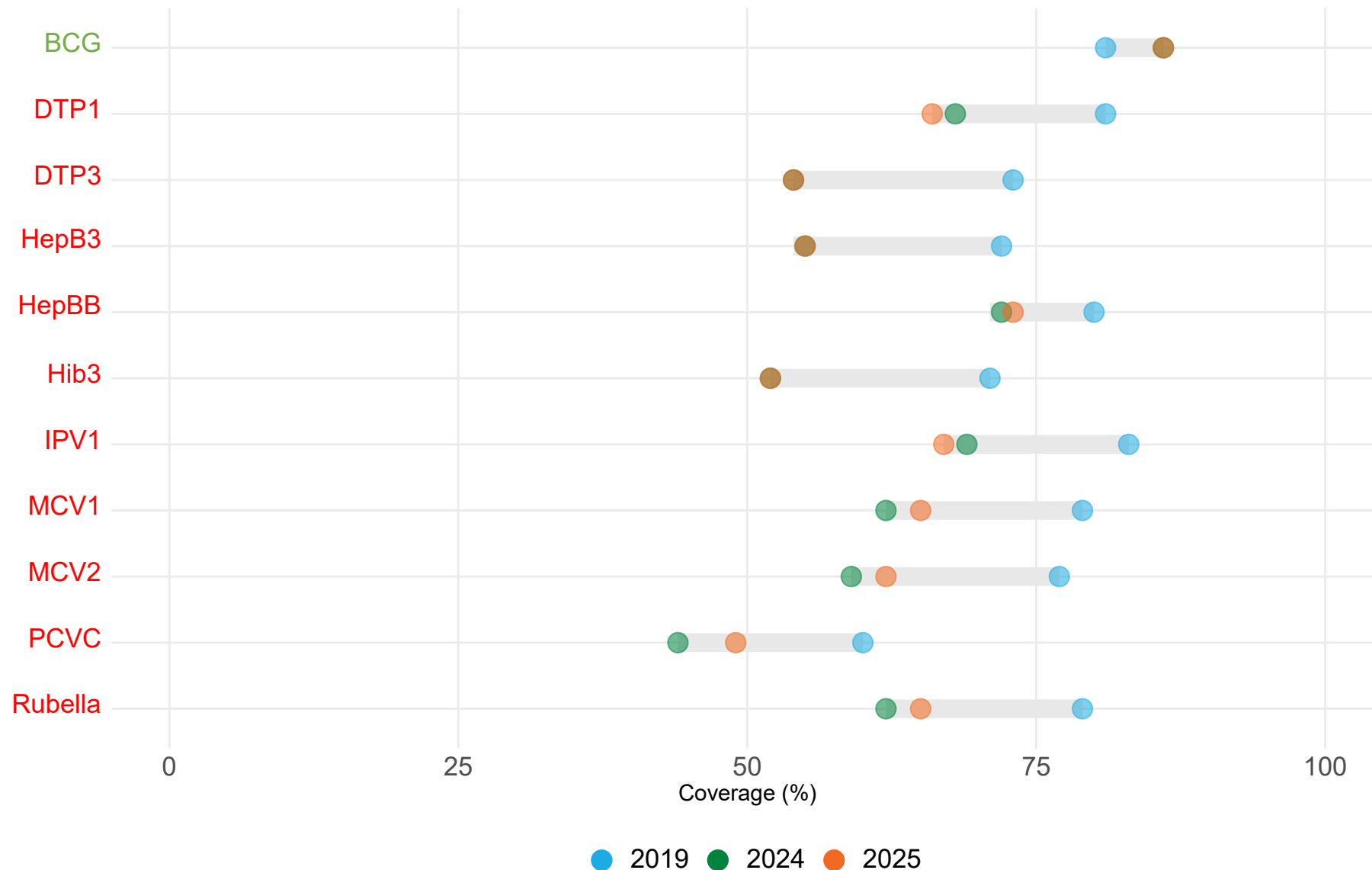
This chart shows trends in coverage of 9 vaccines (complete series).

In 2025, HPVc had the lowest coverage of all vaccines (45%), followed by Hib3 (52%).

Coverage of 7 vaccines decreased (DTP3, HEPB3, HIB3, IPV1, MCV1, MCV2 and RUBELLA) compared to respective coverage in 2019.

Coverage of 3 vaccines were the same (DTP3, HEPB3 and HIB3), 2 vaccines decreased (IPV1 and IPVC), and 3 vaccines increased (MCV1, MCV2 and RUBELLA) compared to respective coverage in 2024.

Vaccine coverage (%), Kazakhstan, 2019-2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
 Note: The grey bar spans vaccine coverage across all years 2019-2025 and the dots represent coverage in specific years.
 Coverage is shown for vaccines with data all years 2019-2025.
 Vaccine names are coloured based on if coverage is lower (red), the same as (blue) or higher (green) than in 2019

This chart shows the range of coverage across all years 2019 to 2025 (grey bars), and coverage in specific years (dots), by vaccine. The chart can be used for assessing recovery to pre-pandemic levels.

DTP1 coverage declined between 2019 (81%) and 2024 (68%). DTP1 coverage declined in 2025 (66%) compared to 2024, and was lower than in 2019. In 2019-2025, DTP1 coverage was at it's lowest level in 2025 (66%).

In 2024, 10 vaccines had lower coverage than in 2019.

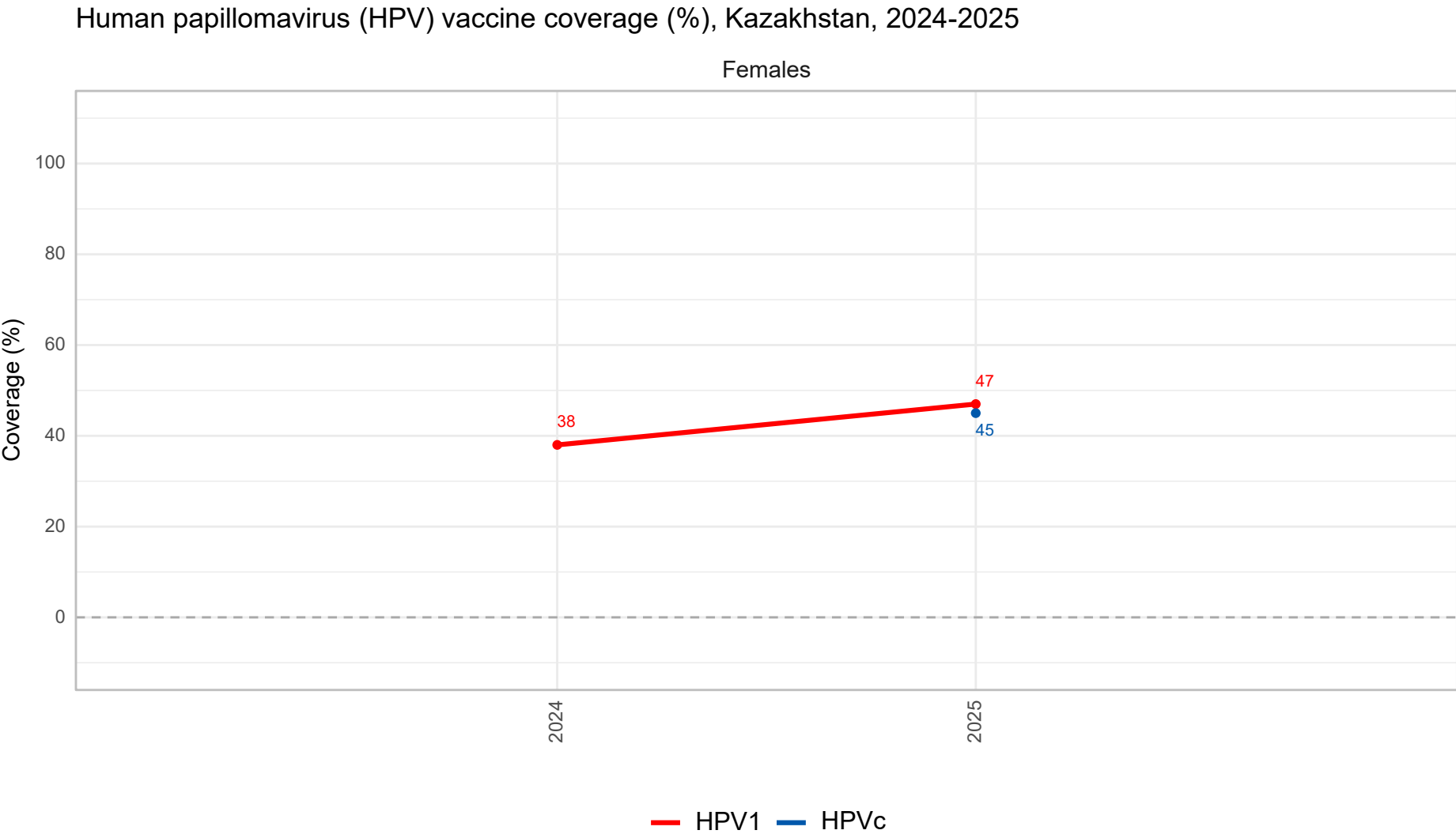
In 2025, 10 vaccines had lower coverage than in 2019.

In 2025, 2 vaccines had lower coverage than in 2024.

HPV vaccination

Methods: • [Bruni et al. 2021, HPV vaccination introduction worldwide and WHO and UNICEF estimates of national HPV immunization coverage 2010–2019 \(supplementary materials\).](#)

In 2025, HPV last dose coverage among girls stood at 45%.



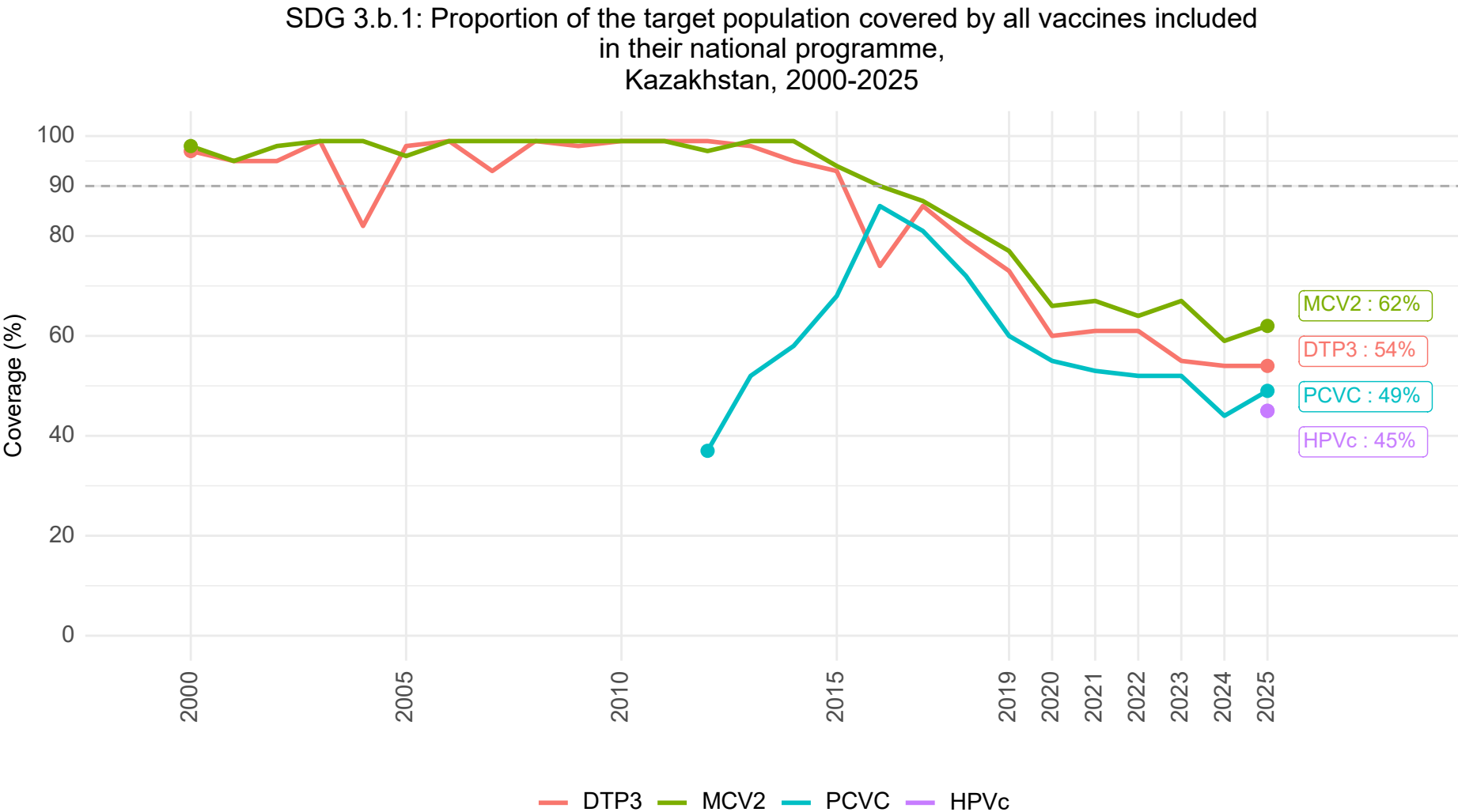
The first year of HPV programme coverage estimates in Kazakhstan was 2024.

In 2025, first dose (HPV1) programme coverage among girls was 47%. In 2025, last dose (HPVc) programme coverage among girls was 45%.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision.
For some countries, if HPV vaccine is in the schedule, but the country did not report data in a given year, HPV programme coverage estimates are not produced.

SDG 3.b.1

In 2025, no SDG vaccines in met the 90% SDG coverage target.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: The four vaccination coverage indicators contribute to SDG indicator 3.b.1 are: DTP3, MCV2, PCVC and HPVc
The Immunization Agenda 2030 (IA2030) global target is 90% coverage of all four antigens by 2030.

Four vaccination coverage indicators contribute to Sustainable Development Goal 3, indicator b.1: DTP3, PCV3, MCV2 and HPV.

The IA2030 global target is 90% coverage of all four antigens by 2030.

Kazakhstan has all 4 of the SDG vaccines.

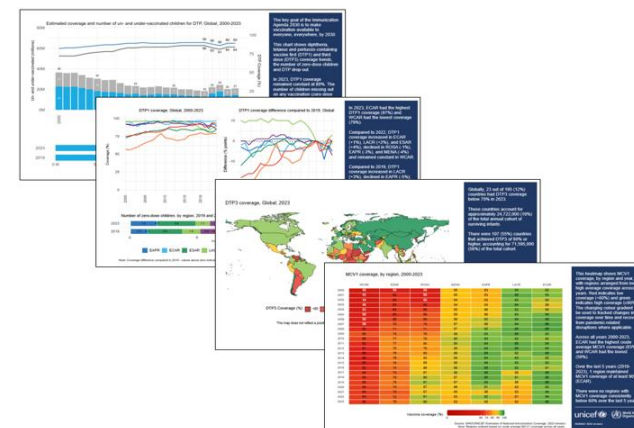
In 2025, Kazakhstan had achieved at least 90% coverage of none out of the 4 vaccines.

Additional resources

[illegible]

	A	B	C	D	E	F	G	H	I	J	
1	unicef	regio	iso3c	country	vaccine	year	target_grp	coverage	vaccinated	unvaccinated	target
2	ROSA	AFG		Afghanistan	bog	1982	births	10	57,000	514,000	571,000
3	ROSA	AFG		Afghanistan	bog	1983	births	10	56,000	503,000	559,000
4	ROSA	AFG		Afghanistan	bog	1984	births	11	62,000	501,000	563,000
5	ROSA	AFG		Afghanistan	bog	1985	births	17	100,000	490,000	591,000
6	ROSA	AFG		Afghanistan	bog	1986	births	18	107,000	489,000	596,000
7	ROSA	AFG		Afghanistan	bog	1987	births	27	161,000	434,000	595,000
8	ROSA	AFG		Afghanistan	bog	1988	births	40	238,000	358,000	596,000
9	ROSA	AFG		Afghanistan	bog	1989	births	38	233,000	380,000	614,000
10	ROSA	AFG		Afghanistan	bog	1990	births	30	191,000	446,000	637,000
11	ROSA	AFG		Afghanistan	bog	1991	births	21	134,000	505,000	640,000
12	ROSA	AFG		Afghanistan	bog	1992	births	19	127,000	541,000	668,000
13	ROSA	AFG		Afghanistan	bog	1993	births	17			760,000
14	ROSA	AFG		Afghanistan	bog	1994	births	15			852,000
15	ROSA	AFG		Afghanistan	bog	1995	births				899,000
16	ROSA	AFG		Afghanistan	bog	1996	births				932,000
17	ROSA	AFG		Afghanistan	bog	1997	births				962,000
18	ROSA	AFG		Afghanistan	bog	1998	births				986,000
19	ROSA	AFG		Afghanistan	bog	1999	births				1,013,000
20	ROSA	AFG		Afghanistan	bog	2000	births	30			1,037,000
21	ROSA	AFG		Afghanistan	bog	2001	births	43	432,000	574,000	1,007,000
22	ROSA	AFG		Afghanistan	bog	2002	births	46	467,000	548,000	1,015,000

UNICEF, WHO, World Bank, Gavi and
African Union regions



Additional immunization data resources can be found at:

<https://data.unicef.org/resources/immunization/>

*UNICEF, WHO, World Bank, Gavi and
African Union regions*

[illegible]

WUENIC Talking Points: Little America and the Caribbean Region

Revision Year: 2020

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OPPI: A history of vaccine introduction service delivery to children	6
MDG: Coverage of the vaccine	8
HPV	10
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Little America and the Caribbean Region

- The LACR region includes 13 countries (Antigua and Barbuda, Aruba, Barbados, Belize, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, and Venezuela)
- Note: Suriname/Honduras is not shown individually, but is located in the Region

Overview

- While ending vaccination against measles and mumps, none of the 18 identified countries achieved an average coverage of 95% or higher within the LACR region in 2018
- Coverage of the first dose of mumps/measles-rubella-containing vaccine (MM1V) was below 20% in 2018 in all 18 countries and the first dose of 27 countries' vaccine against measles (MM1V) was below 20% in 2018
- At the country level, 23 out of 117 (19%) countries achieved coverage of 95% or higher for at least one of the 18 identified vaccine administration in the region
- There were 10 countries that did not achieve at least 95% coverage for any vaccine (Belize, Bolivia, Ecuador, Honduras, Haiti, Mexico, Peru, Suriname, and Venezuela)
- In 2018, the number of countries (coverage) 1 collected data representing 10% higher than the annual gap where the immunization gap(s) 2020 target of reducing the number of preventable deaths by 14% in LACR region 1 country

Measles coverage (%) by age, 1970-2000

MDG: Coverage of the vaccine

WUENIC Talking Points: Ethiopia

Revision Year: 2020

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Ethiopia in the African region

OPPI: Reaching zero-disease children

- In 2019, OPPI coverage (children aged 1-14, compared to 95% in 2018)
- In 2020, the number of countries achieving in the region (OPPI coverage) was approximately 10% higher than the annual gap where the immunization gap(s) 2020 target of reducing the number of preventable deaths by 14% in LACR region 1 country
- There were 100,000 more surviving children in the region (OPPI coverage) in 2019 compared to 2018
- The number of countries (coverage) 1 collected data representing 10% higher than the annual gap where the immunization gap(s) 2020 target of reducing the number of preventable deaths by 14% in LACR region 1 country
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- The number of countries (coverage) 1

Interactive
WUENIC
country profiles
can be found at:

<https://worldhealth.org.shinyapps.io/wuenic-trends/>

Short feedback questionnaire

(5 minutes)

We are seeking your feedback on the global groupings (GAVI, African Union, World Bank Income, WHO and UNICEF) and country-level PowerPoint slides developed for the release of global immunization estimates. Your input will help us understand their usefulness and identify areas for improvement.

Please take a few moments to complete this short survey and have your voice heard:

<https://forms.office.com/e/Qv1HXxxNZQ>

